

FIG. 2A

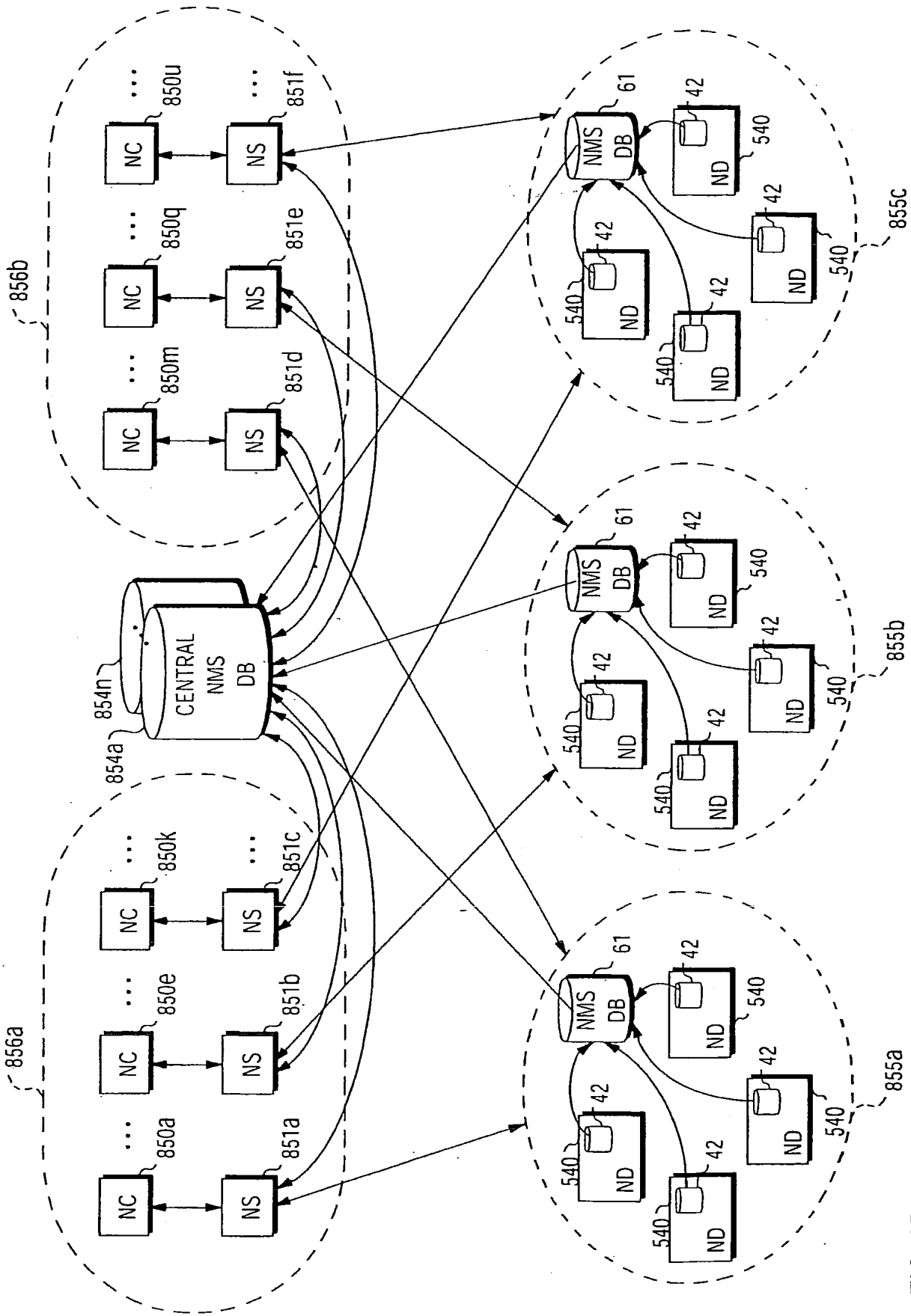


FIG. 2B

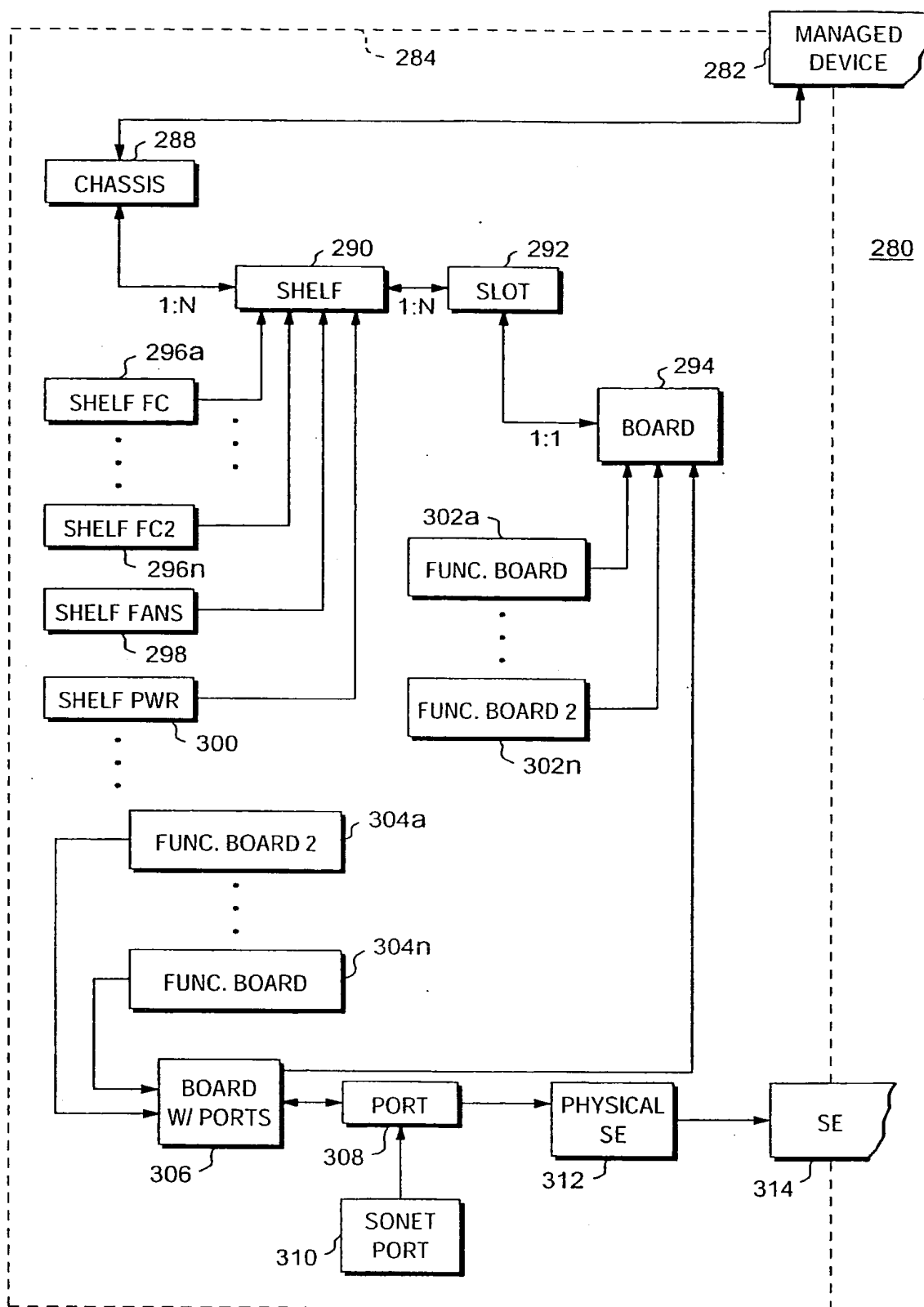


FIG. 3A

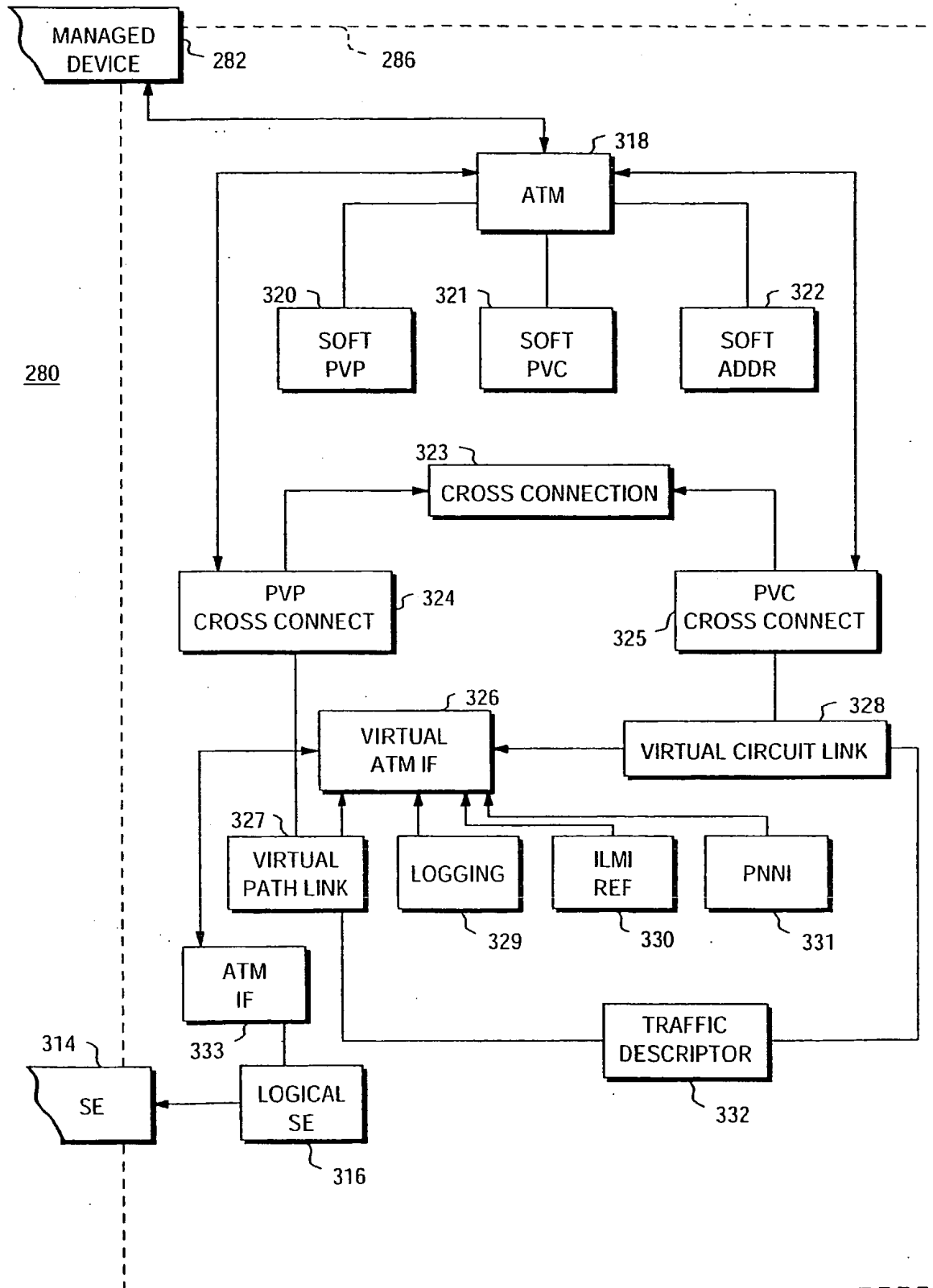
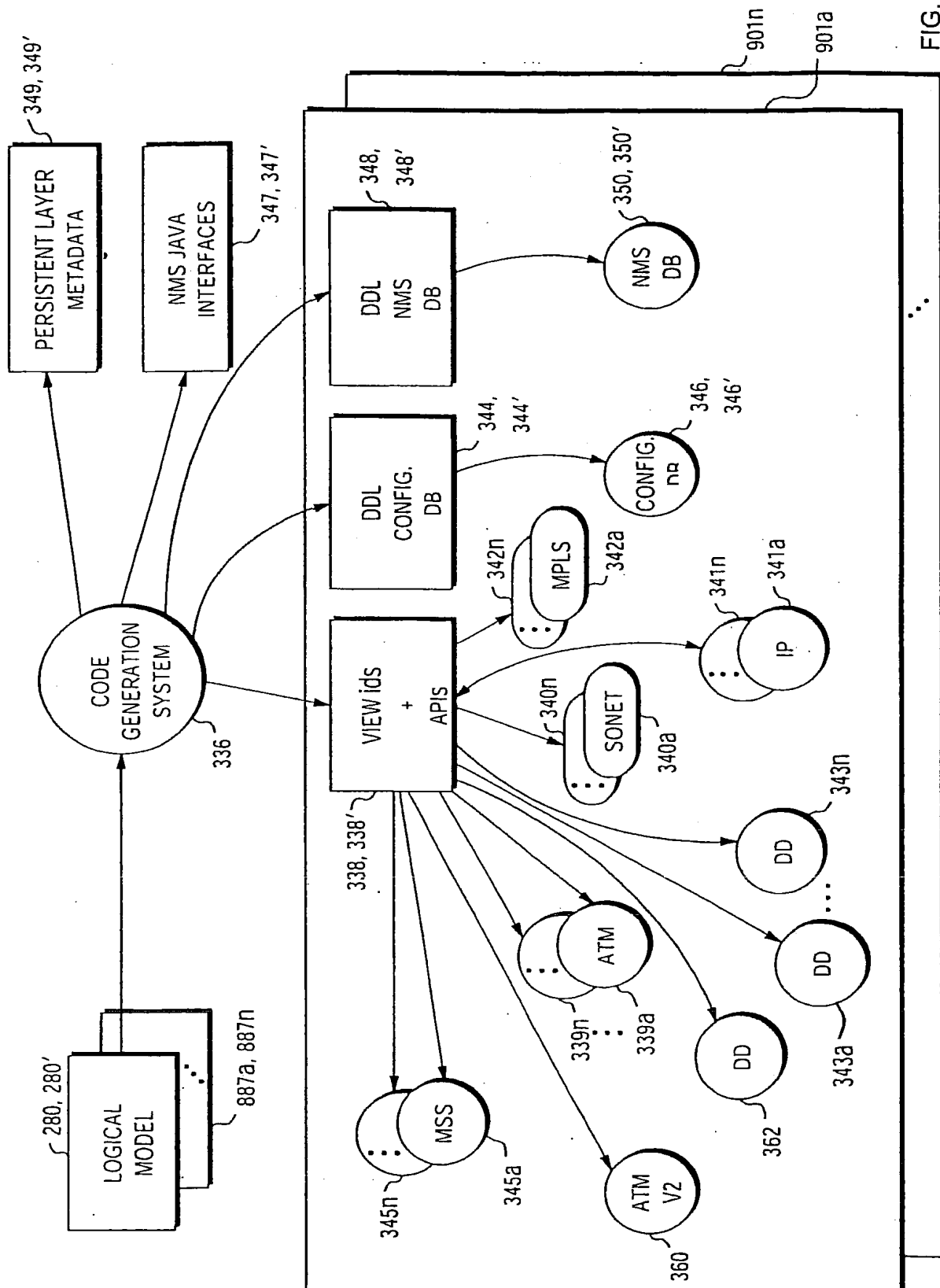


FIG. 3A CONTINUED



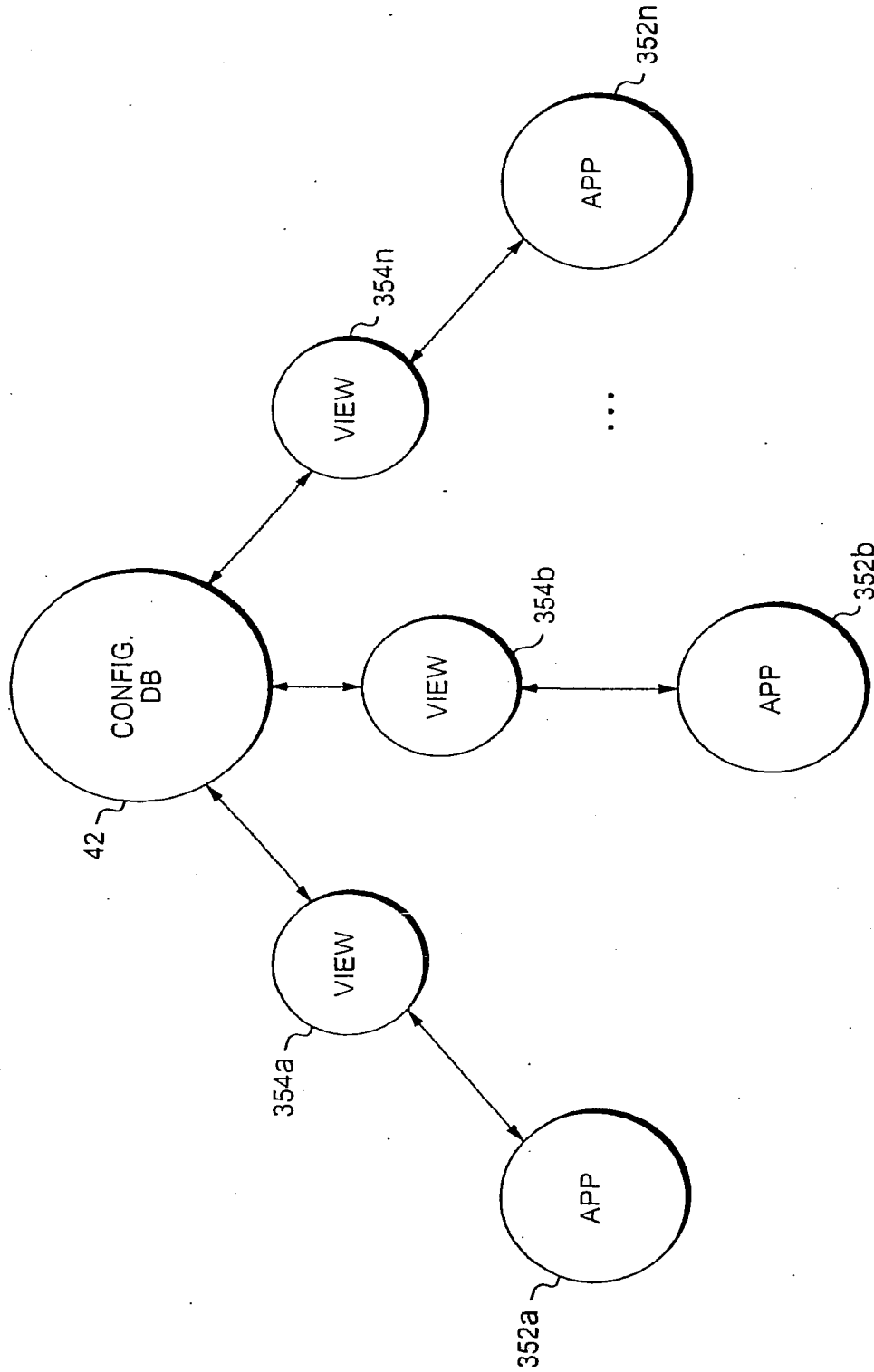


FIG. 3C

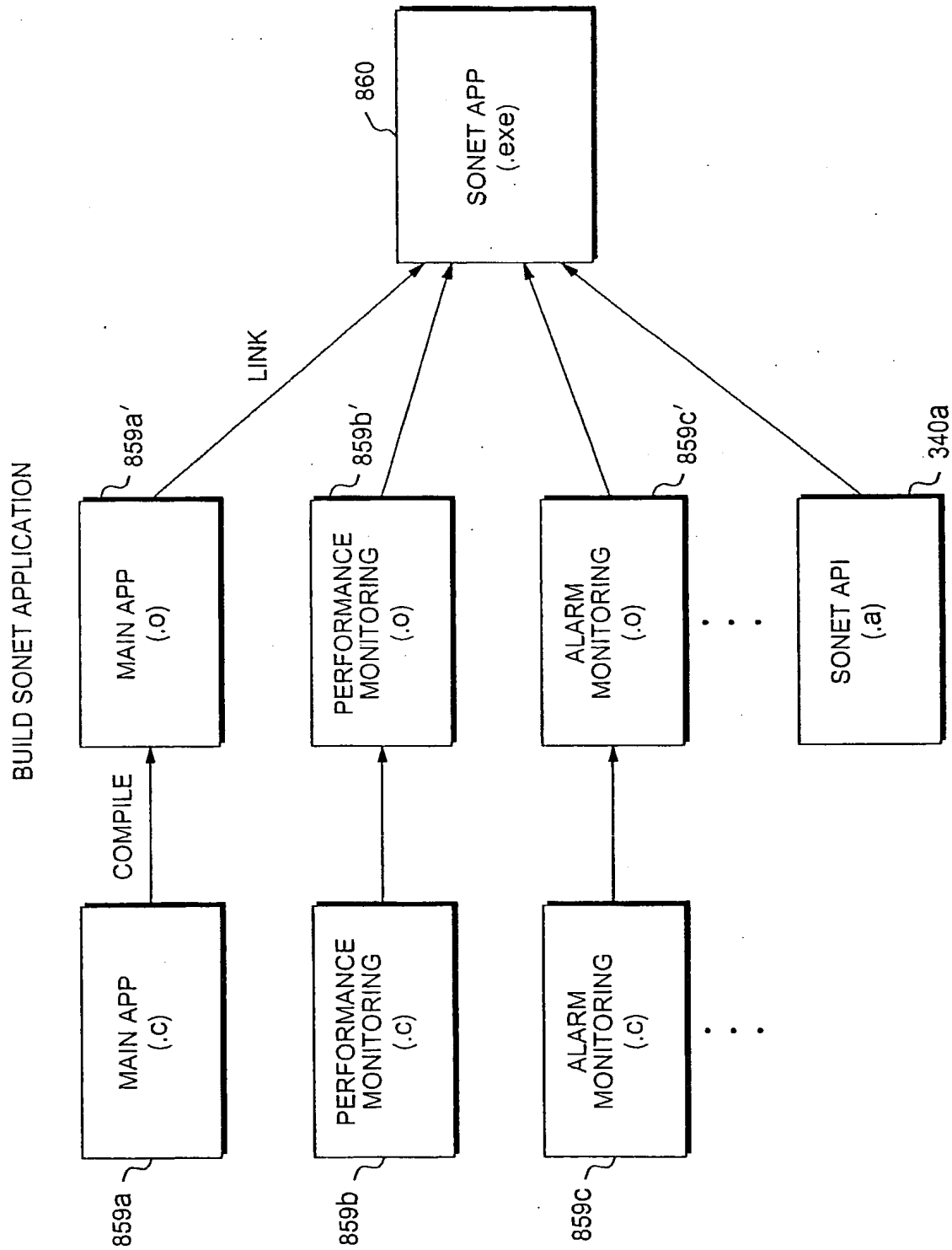


FIG. 3D

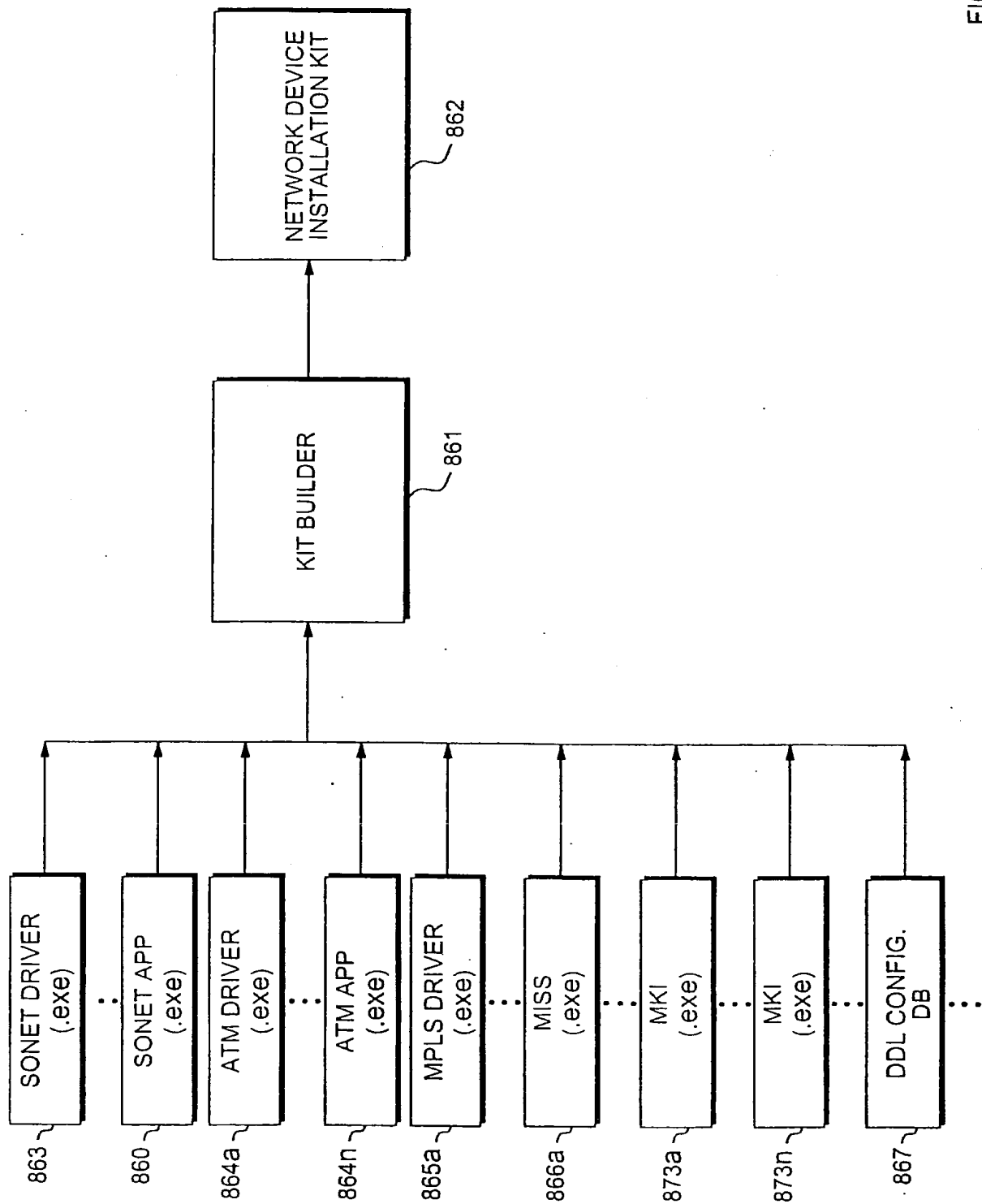


FIG. 3E

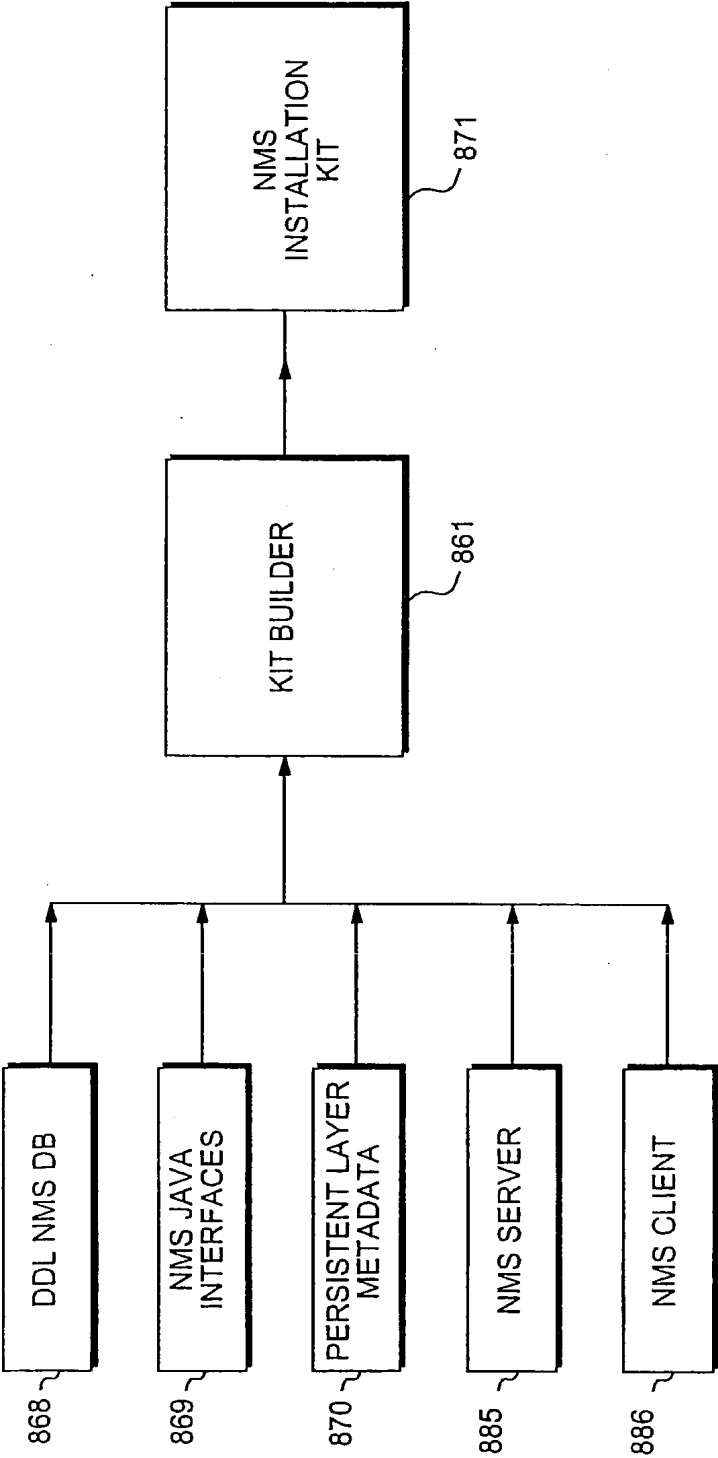


FIG. 3F

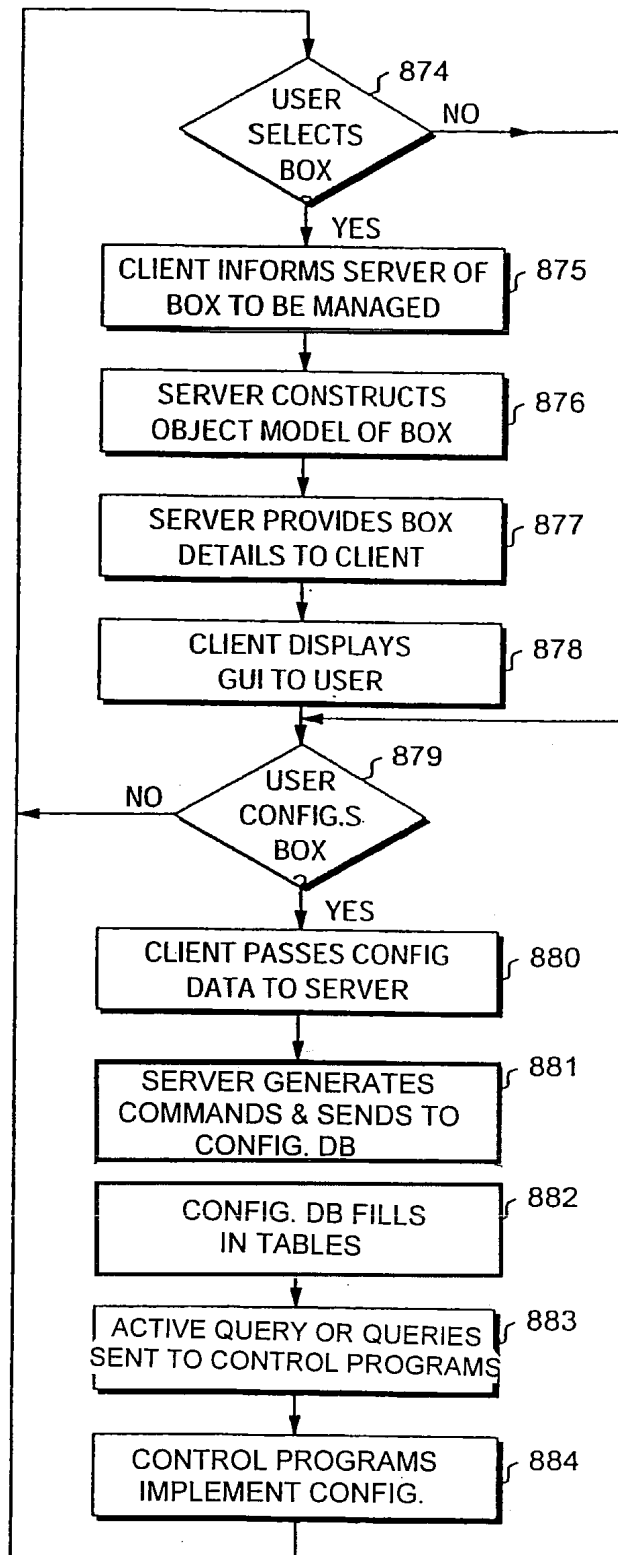


FIG. 3G

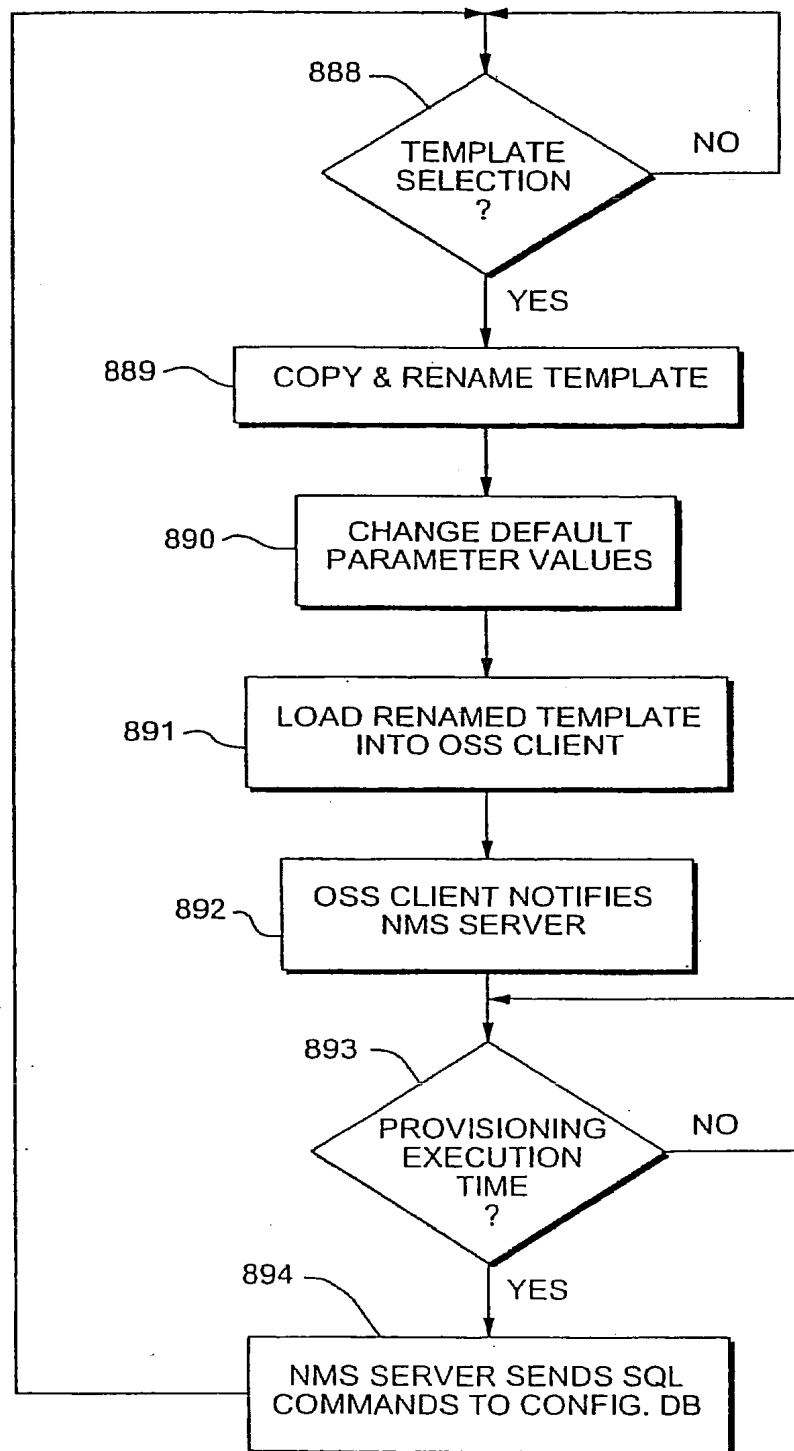


FIG. 3H

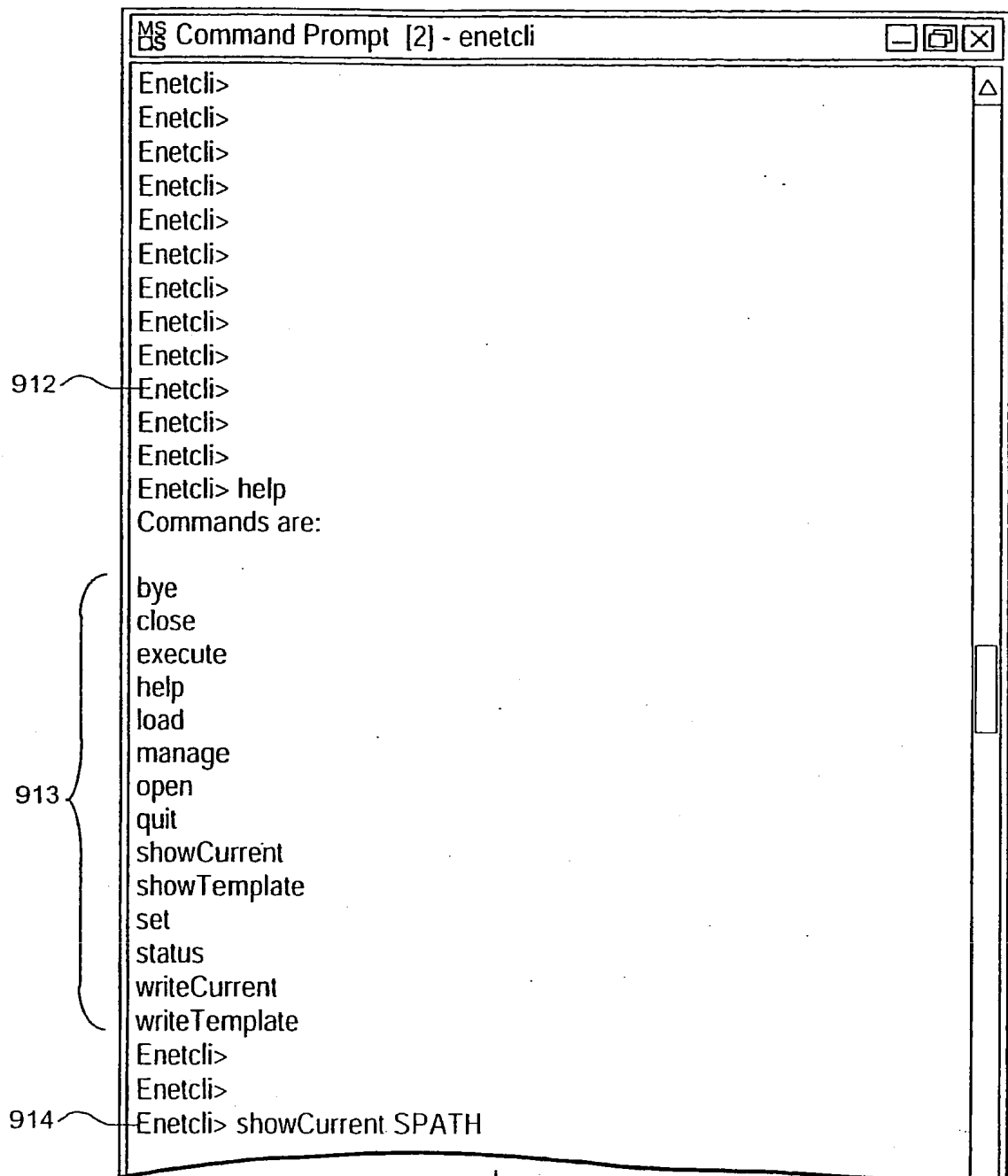


FIG. 3I CONTINUED

FIG. 3I

FROM FIG. 3I

915 {
ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShelfID=11
SlotID=1
Type=Terminated
Version=V1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>
916 { Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create:Replace:Update:Delete>
917 { PortID=<Integer><1-16>
Position=<Integer>
Service=<None :ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_0_0
Width=<STS1:STS3:STS12:STS48>
Enetcli>
Enetcli>
918 { Enetcli> status
919 { Not currently connected to server
920 { Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
Enetcli>

FIG. 3I CONTINUED

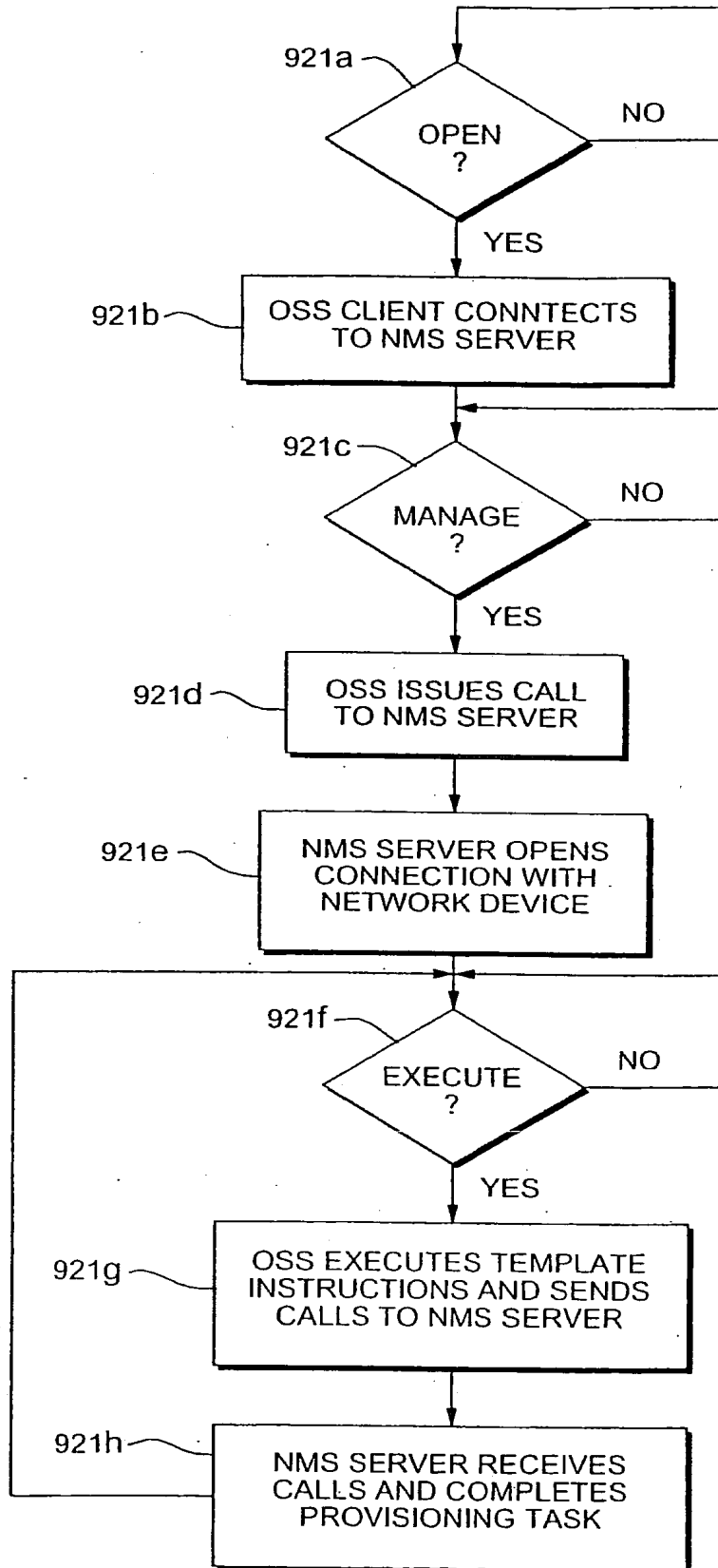


FIG. 3J

```
MS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli> _
```

FIG. 3K

BATCH

924



Operant=BATCH


Operator=Execute

Version=V1_1_0_0

- 924a ~ TASK1=execute-SPATH
- 924b ~ TASK2=execute-PVC
- 924c ~ TASK3=execute-SPVC
- 924d ~ TASK4=load-SPVC-spvc1
- 924e ~ TASK5=execute-SPVC
- 924f ~ TASK6=load-SPVC-spvc2
- 924e ~ TASK7=execute-SPVC
- .
- .
- .
- 924g ~ TASK50=set-SPATH-PortID-3
- 924h ~ TASK51=execute-SPATH
- 924i ~ TASK52=set-SPATH-SlotID-2
- 924j ~ TASK53=execute-SPATH

FIG. 3L

925



Operant=BATCH
Operator=Execute
Version=V1_1_0_0

925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
:
:
:
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
:
:
:
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
:
:
:

FIG. 3M

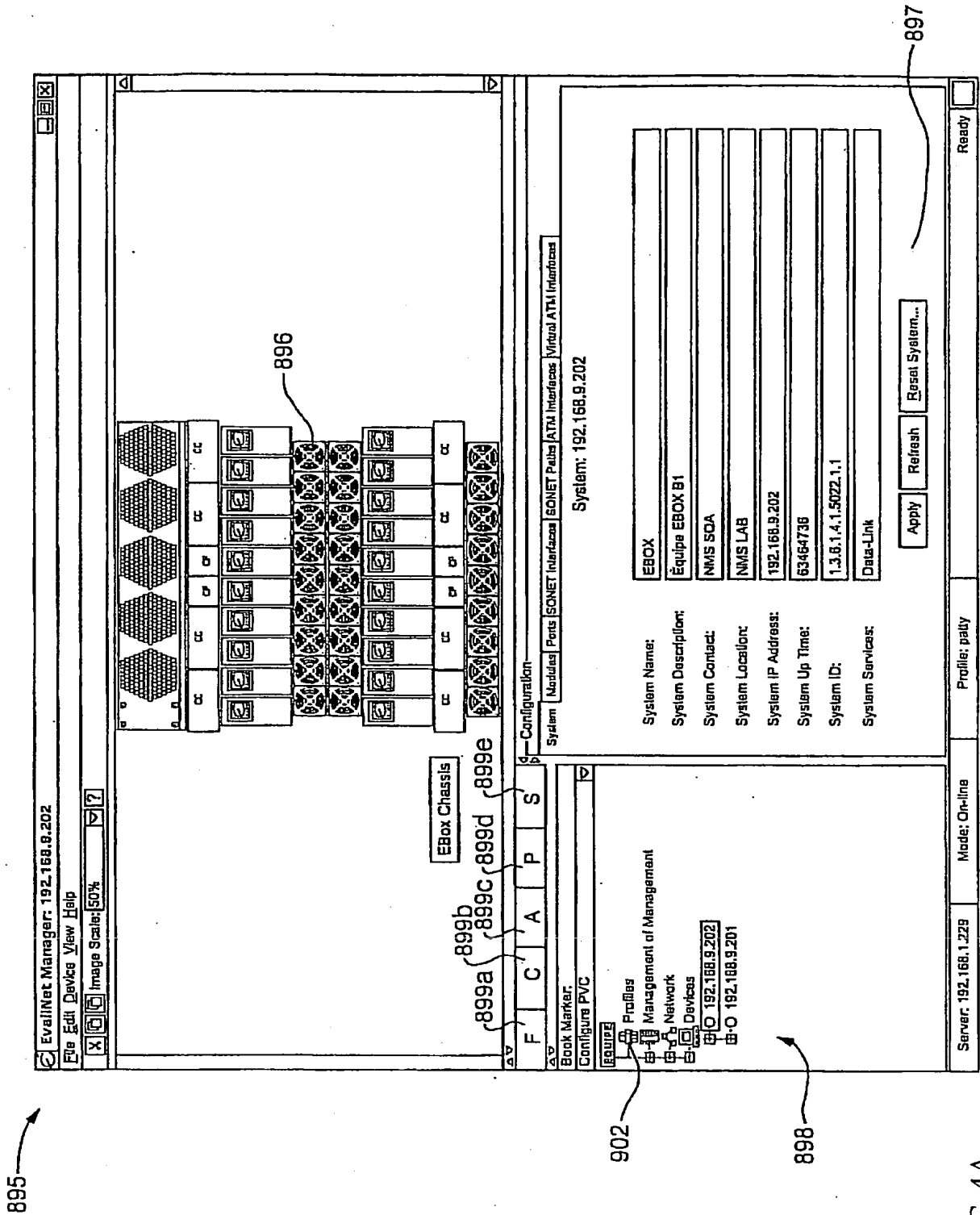


FIG. 4A

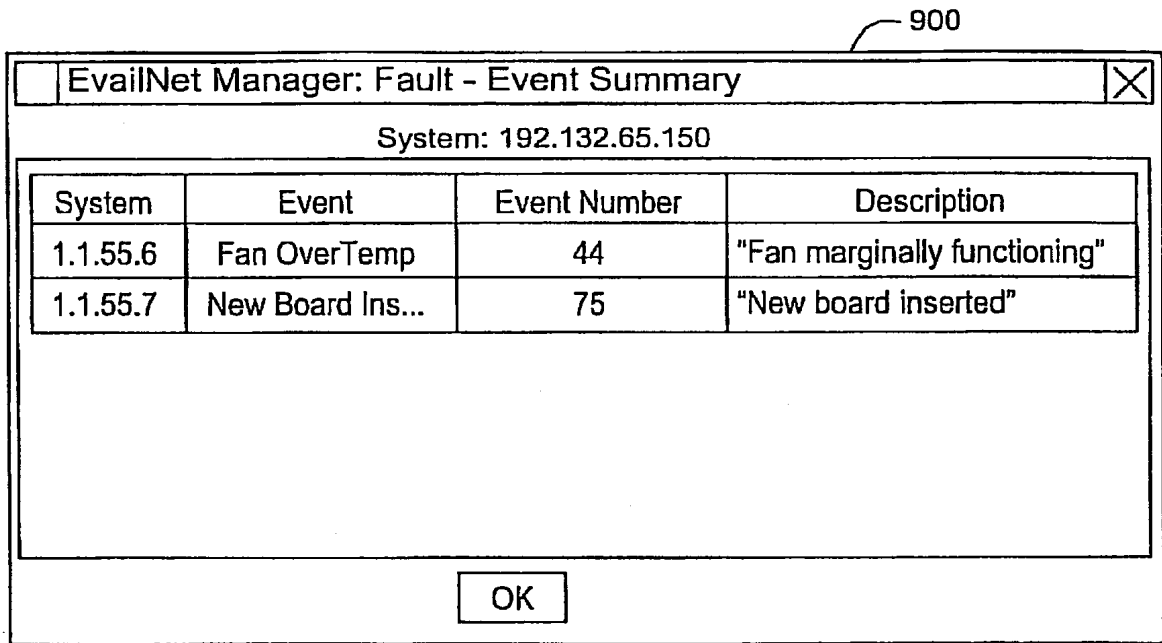


FIG. 4B

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 50%

?

899a	899b	899c	899d	899e	S
F	C	A	P		

SHMP Configuration Changes

System: 192.168.9.202

SHMP Community Strings

READ Community:
public

READ/WRITE Community:
public

Command Line Interpreter (CLI)

Administrator Password:
root

Apply

Book Marks

Configure PVC

EQUIPE

Profiles

Management of Management

Server: 192.168.9.202

Mode: On-line

Profile:

Ready

FIG. 4C

903

Profiles

System: 192.132.60.150

Profile Manager

Name	Description	Security Level	Timeout	Primary Server	Secondary Server
Joe	Joe Whitehouse	Admin	15	192.168.1.32	192.168.1.32
Wayne	Wayne Arena	Provisioner	15	TeamServer1:192...	TeamServer2:192.168.1.32

Add

Delete...

Refresh

Copy

904

905

906

FIG. 4D

907

General

Username: Kevin 908a

Description: Kevin Snow user account 908e

Group Name: Equipe 908f

Group Level Access: ☒ 908d

Password: ***** 908b

Confirm Password: ***** 908c

Policies

☒ User Cannot Change Password 908h

☐ Account Disabled 908i

☒ User Can Add Devices 908j

User Session Timeout: 15 908k Minutes

FIG. 4E

TO

FIG. 4E Continued

FROM
FIG. 11B

Servers

Primary Server:	192.168.1.220
Primary Server Port:	6500
Secondary Server:	192.168.1.221
Secondary Server Port:	6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

908g

908t

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908h

908f

908d

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908p

908q

General

Policies

Servers

Devices

Username:

Description:

Customer Name:

Group Level Access:

Password:

Confirm Password:

Kevin

Kevin Snow user account

Equipe

908t

OK

Cancel

FIG. 4F

908t

General Policies Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

OK Cancel

FIG. 4G

General

Policies

Servers

Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.205

6503

908t ~

OK

Cancel

FIG. 4H

General

Policies

Servers

Devices

Device	READ	READ/WRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	3	162
192.168.9.205	public	equipe	3	3	162
192.168.9.216	public	equipe	3	3	5012

Add

Delete

908t

OK

Cancel

FIG. 4I

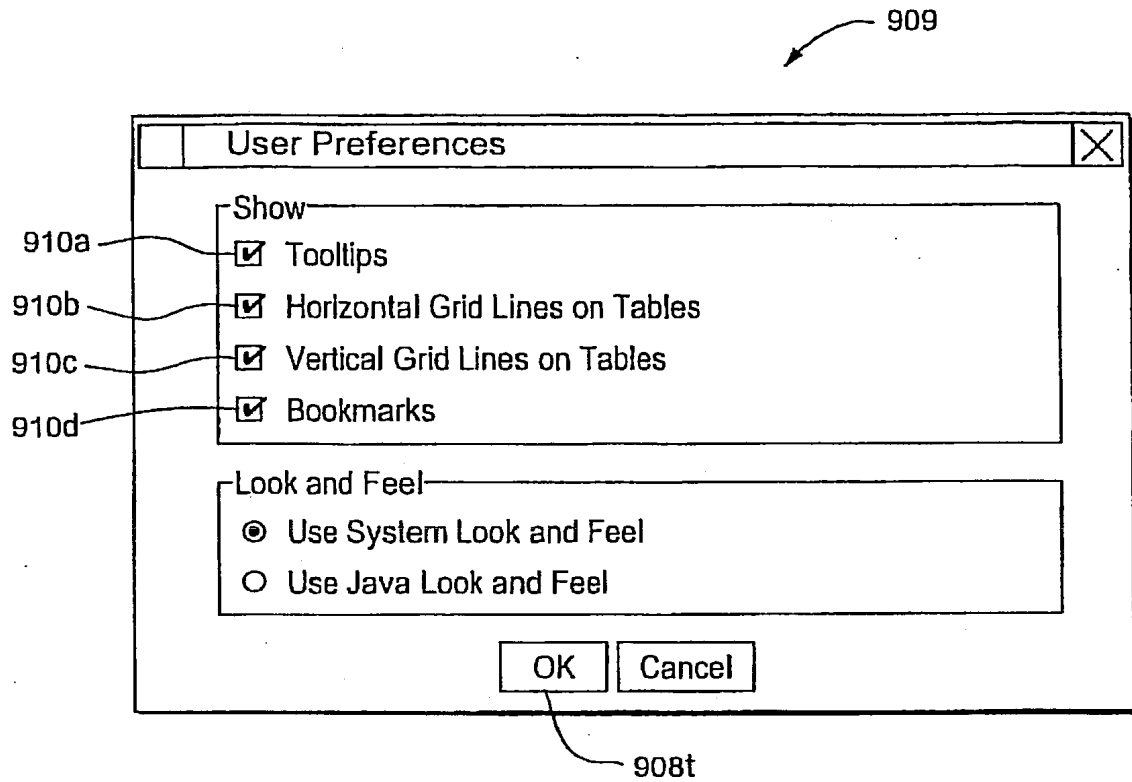


FIG. 4J

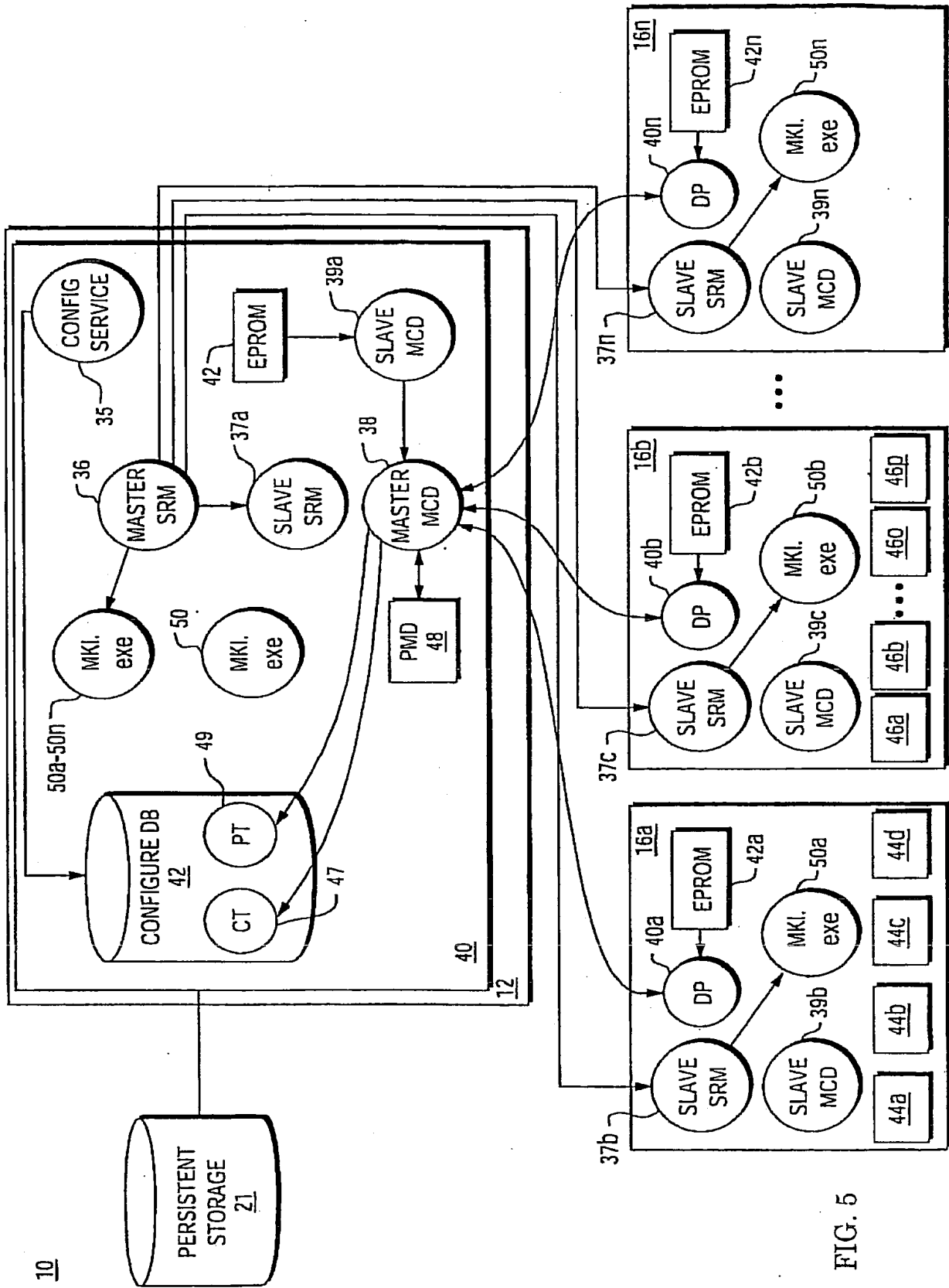


FIG. 5

CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 6

PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a	:	:	:	:	:
	:	:	:	:	:
	1600	00620	1	8	
	:	:	:	:	:
	:	:	:	:	:

FIG. 7

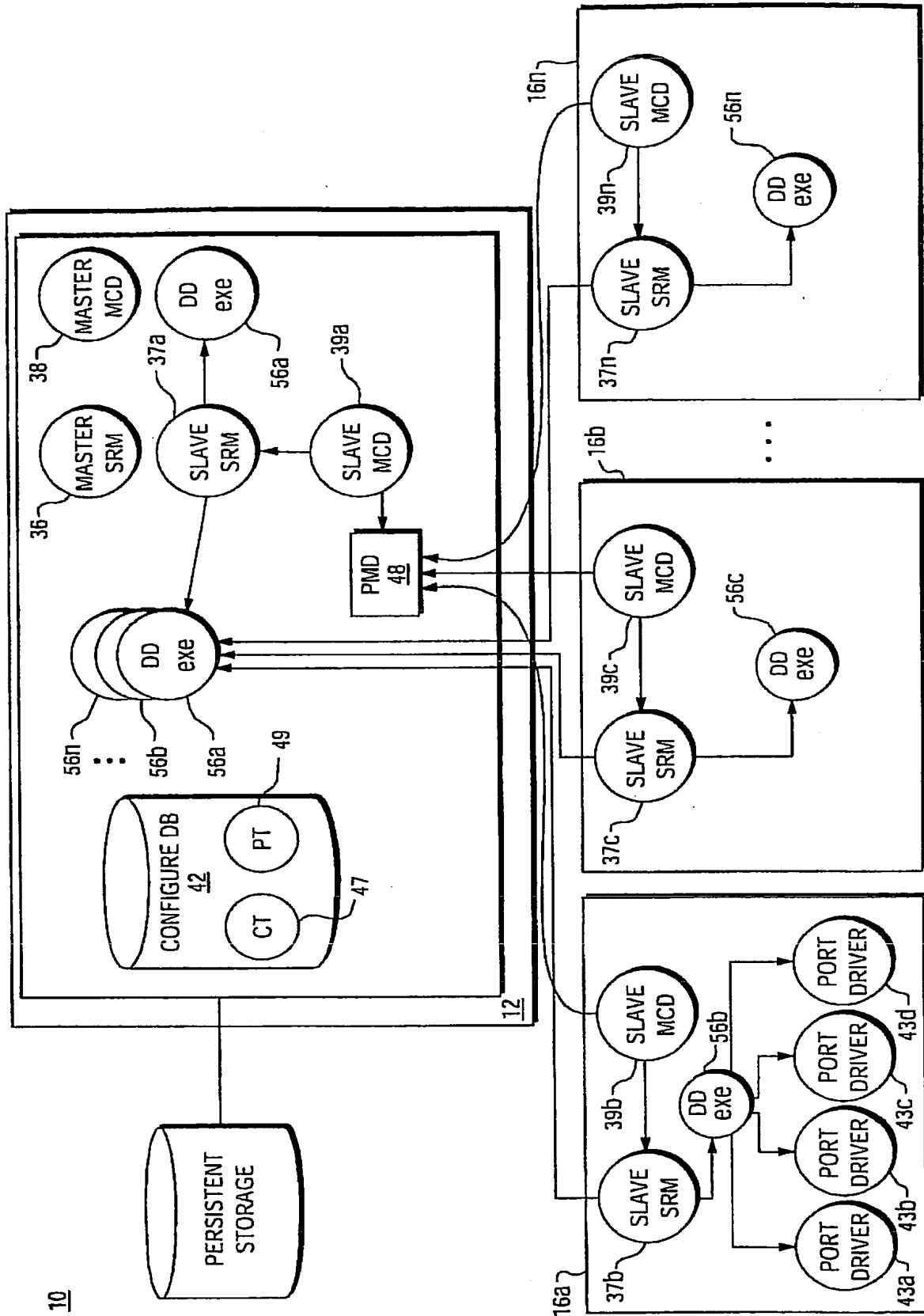


FIG. 8

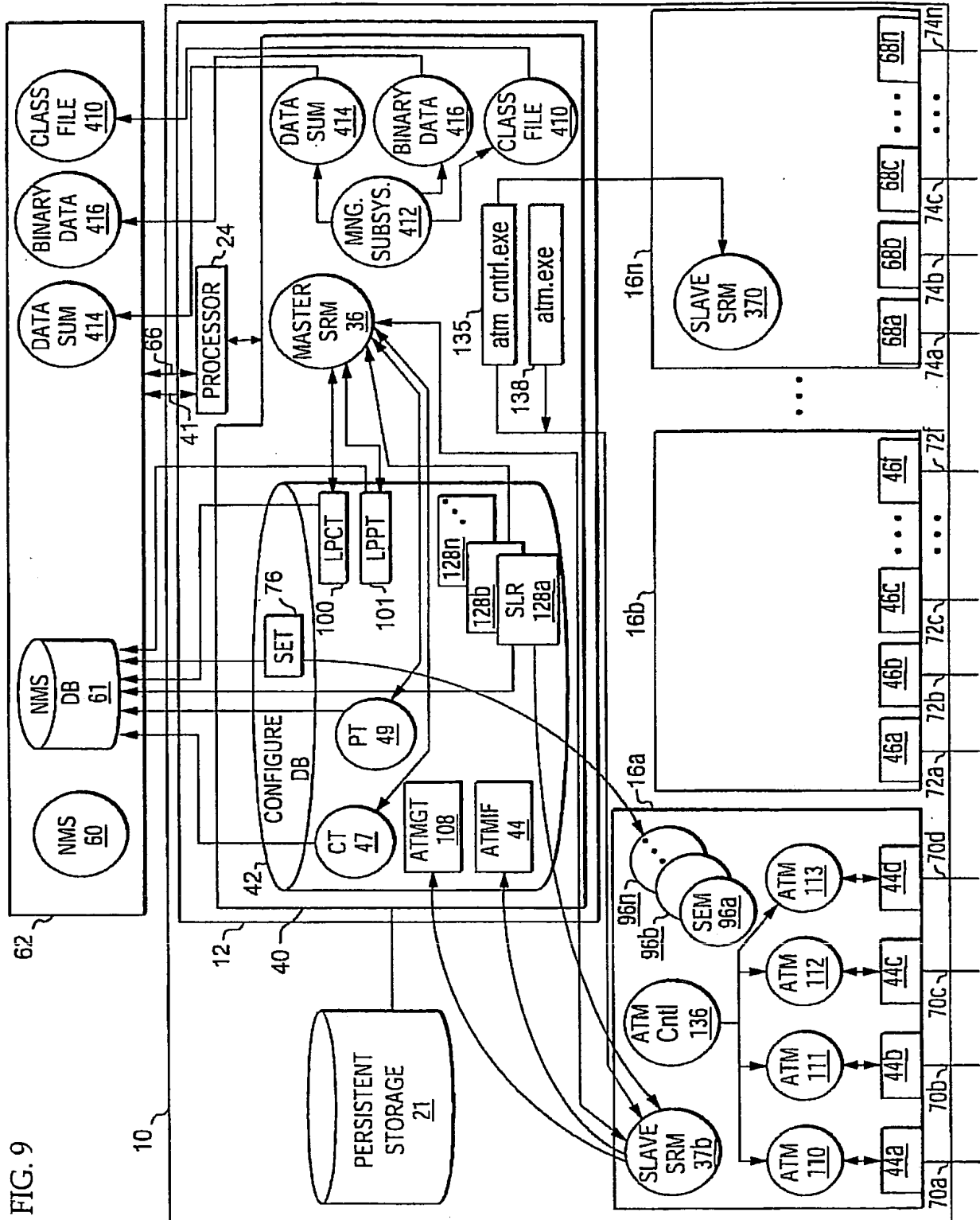


FIG. 10

SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮
	⋮	⋮

FIG. 11A

LOGICAL TO PHYSICAL CARD TABLE 100

	98 LID	102 PRIMARY PID	104 BACK-UP PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 11B

LOGICAL TO PHYSICAL PORT TABLE 101

	98 LID	102 PRIMARY PID	104 BACK-UP PID
107	40	1500	1600
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 12

ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

170

FIG. 14

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

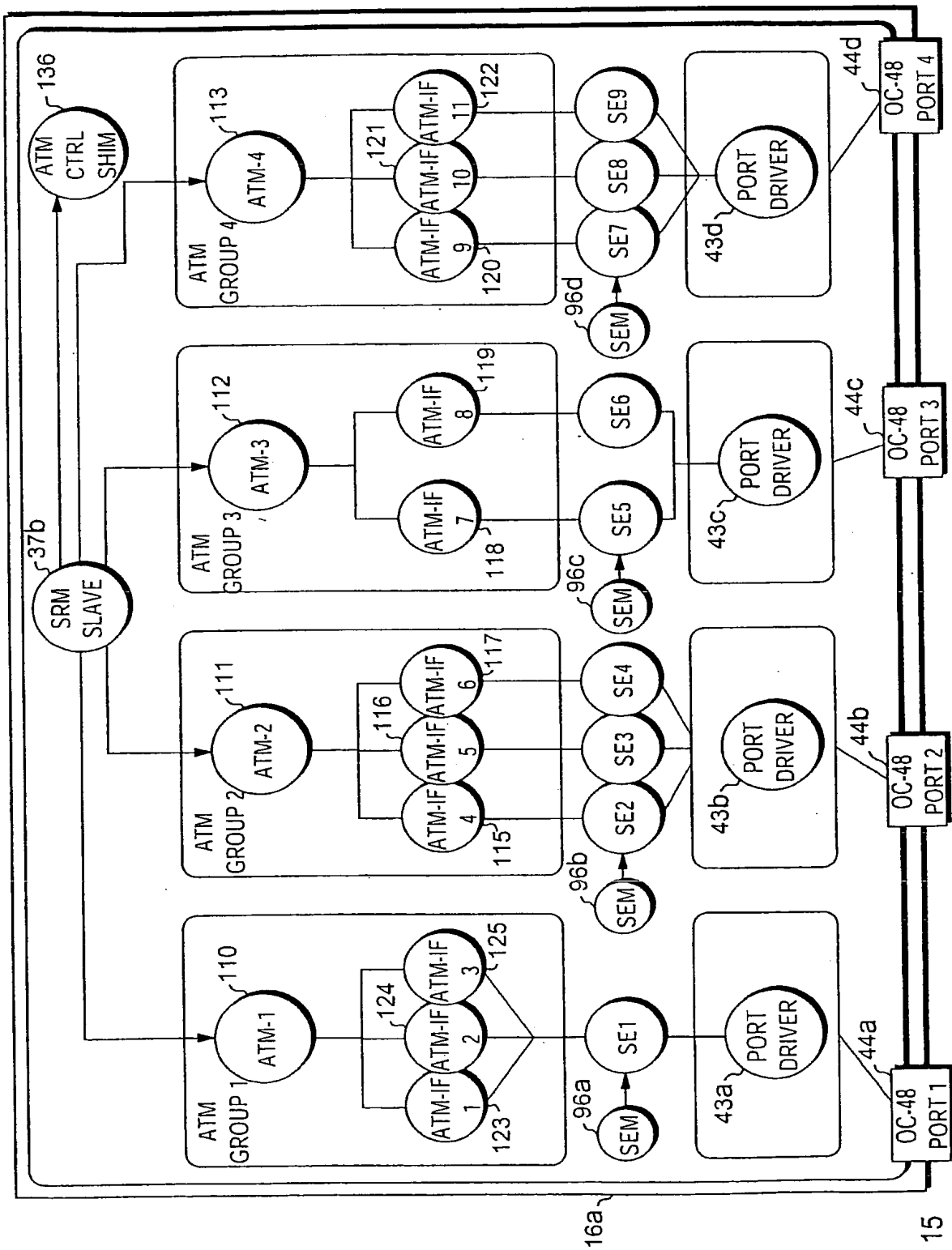


FIG. 15

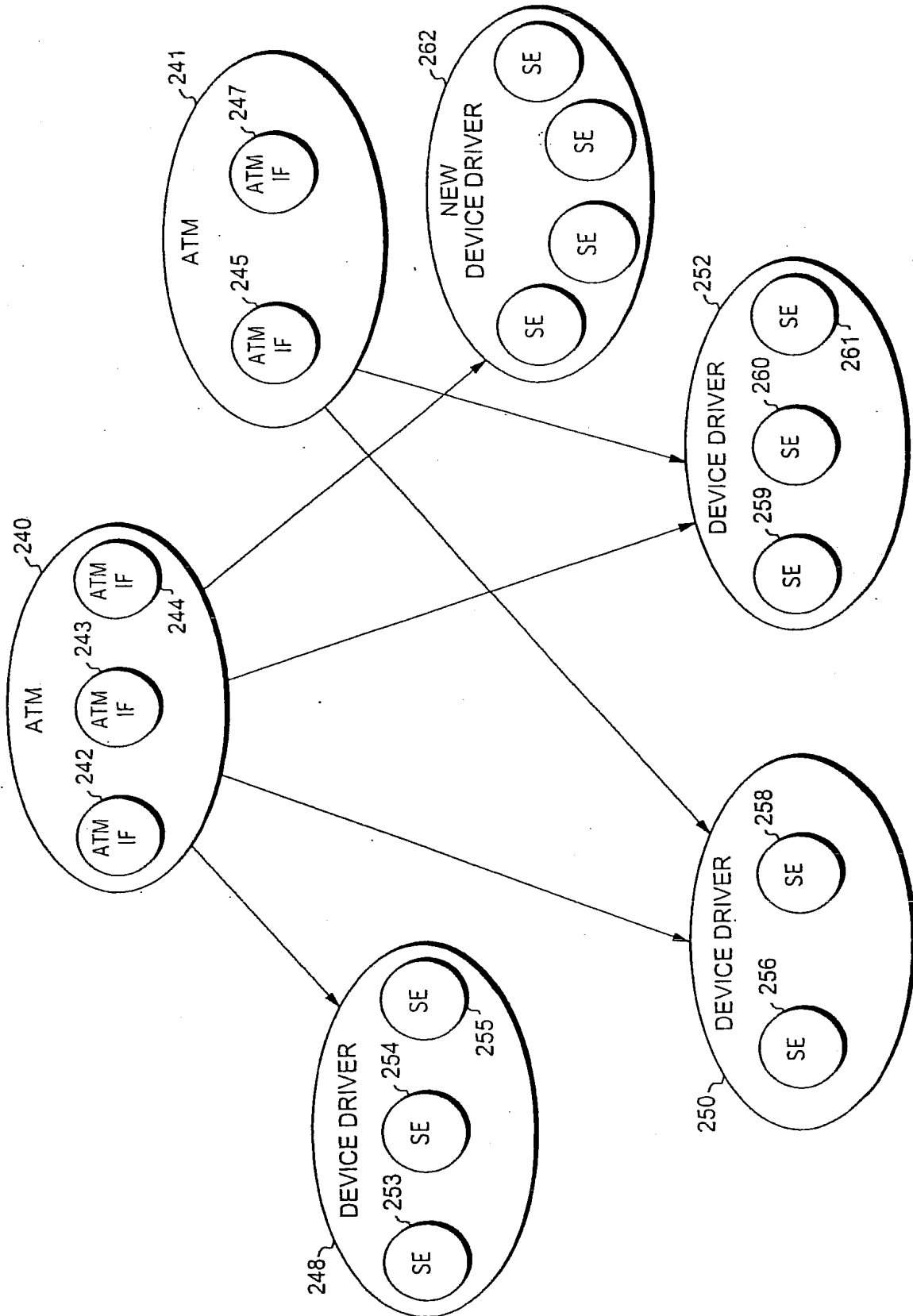


FIG. 16A

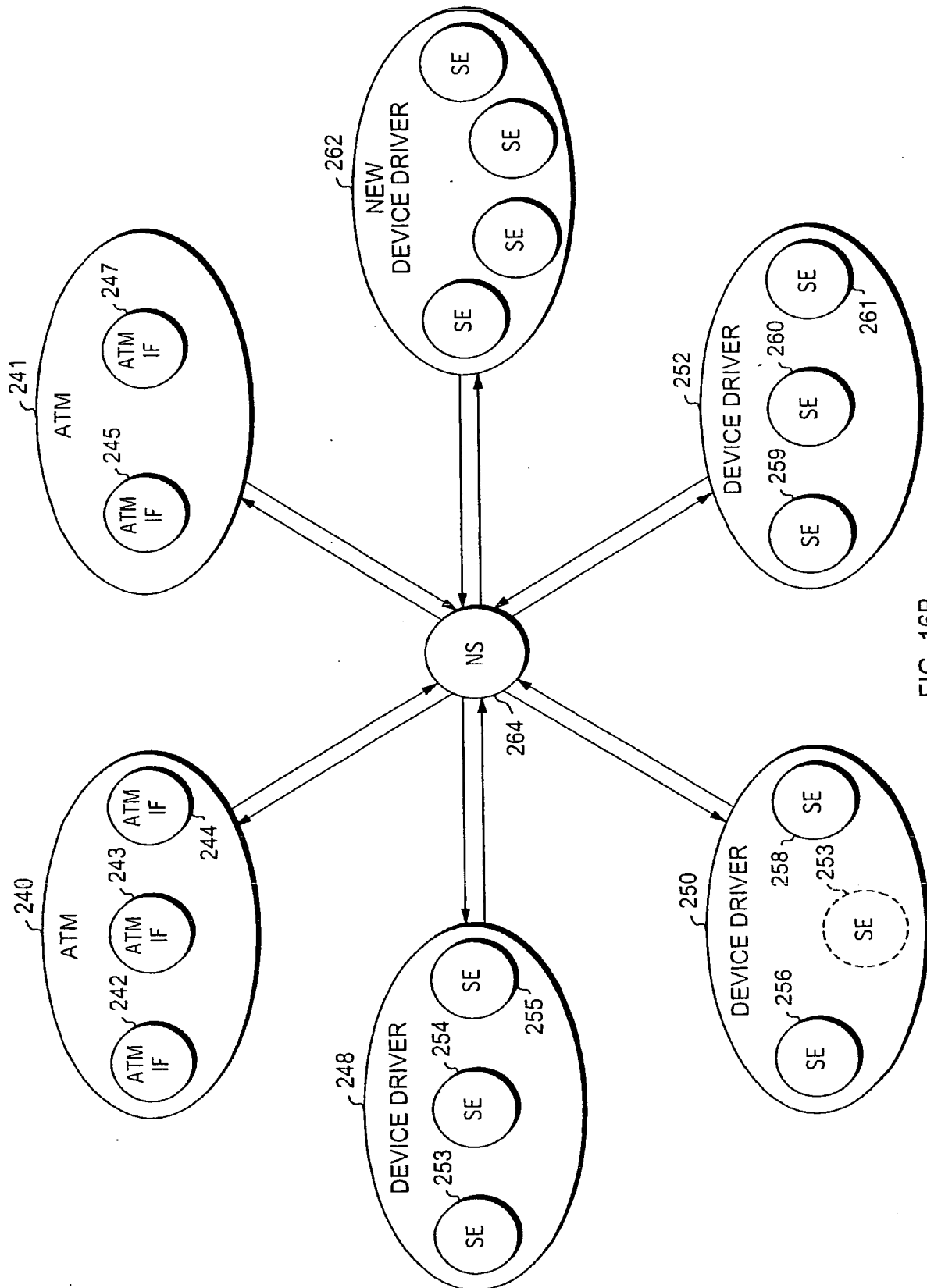


FIG. 16B

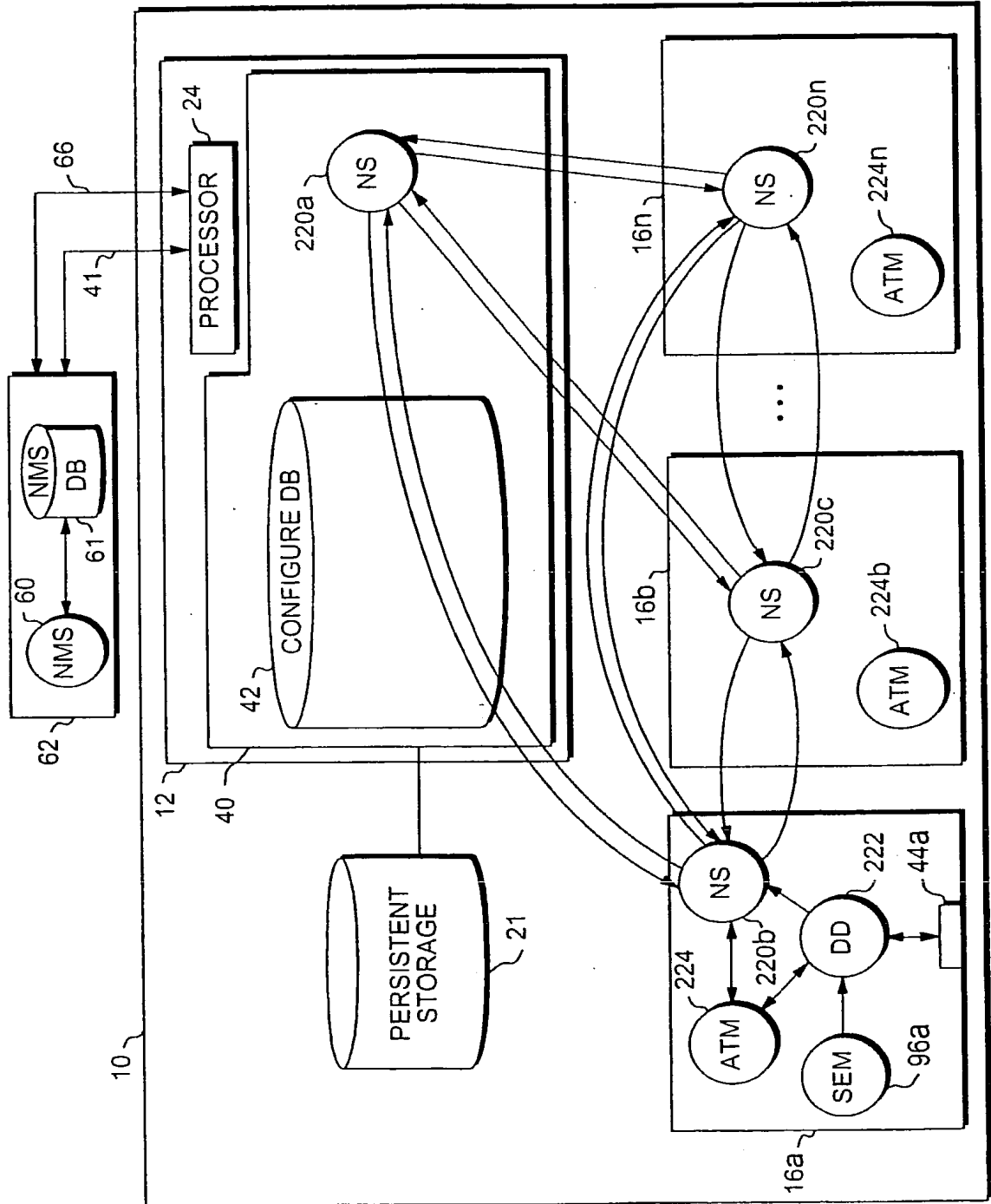


FIG. 16C

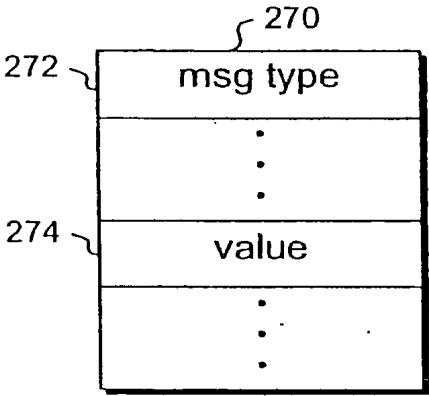


FIG. 16D

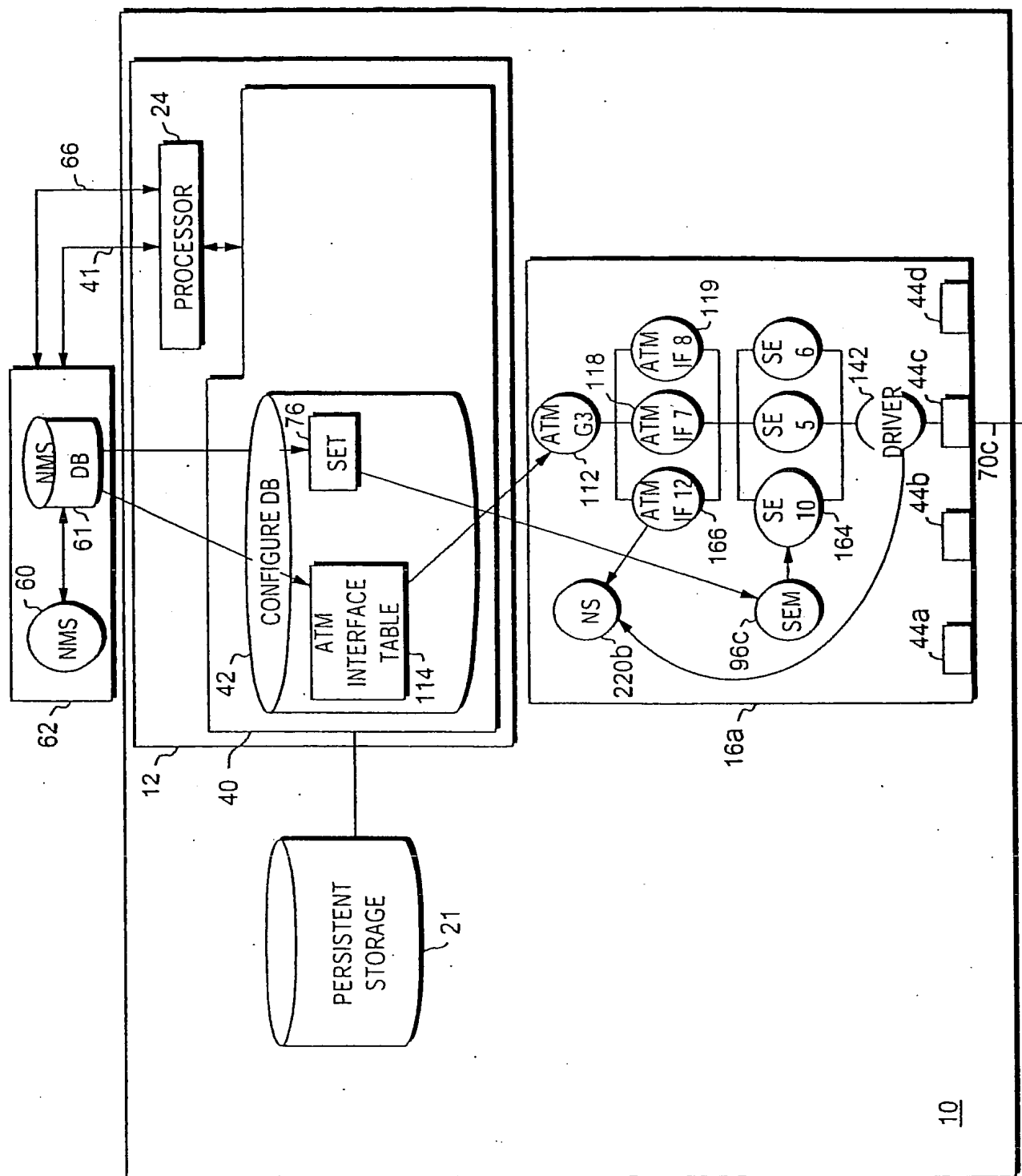


FIG. 17

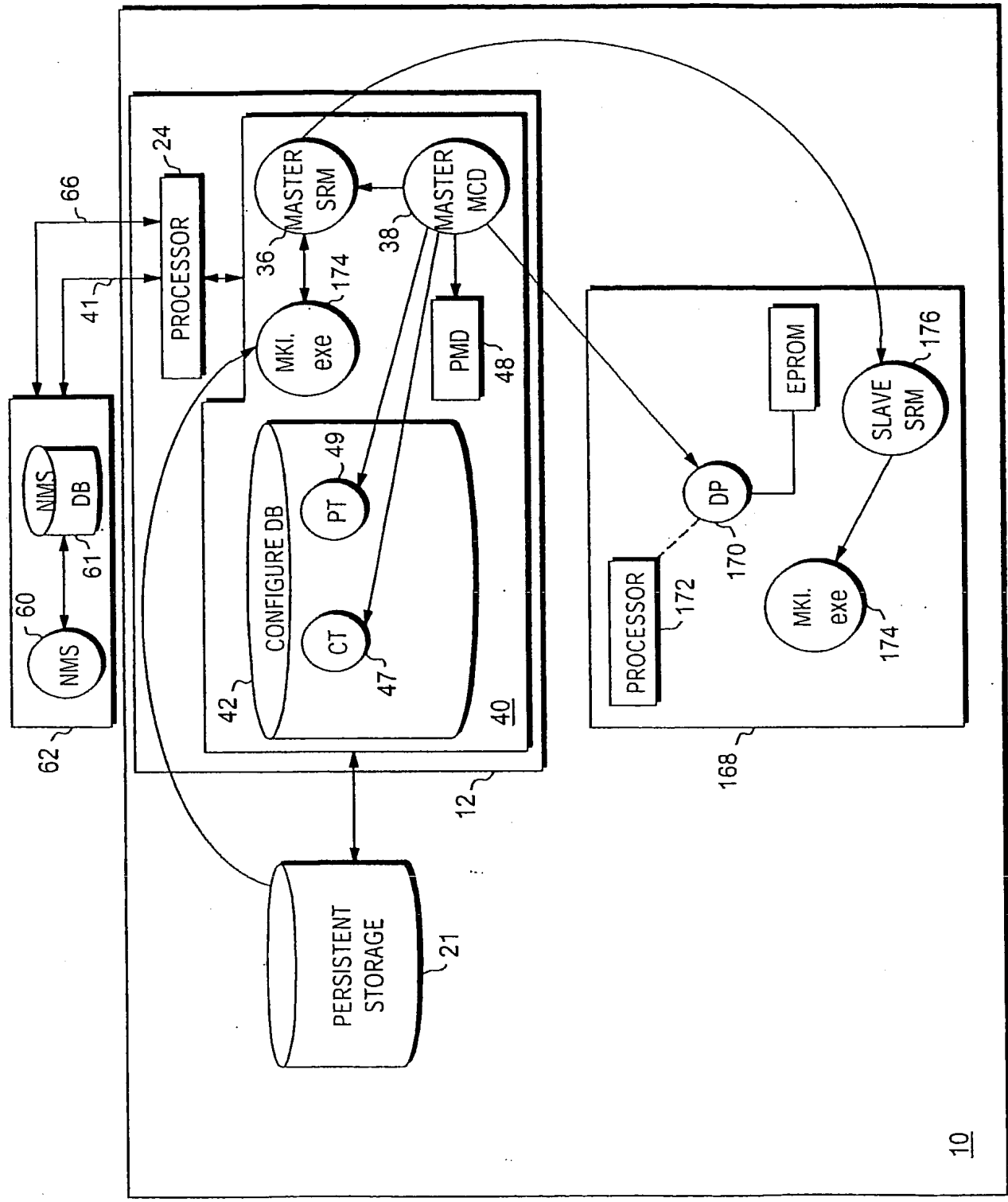


FIG. 18

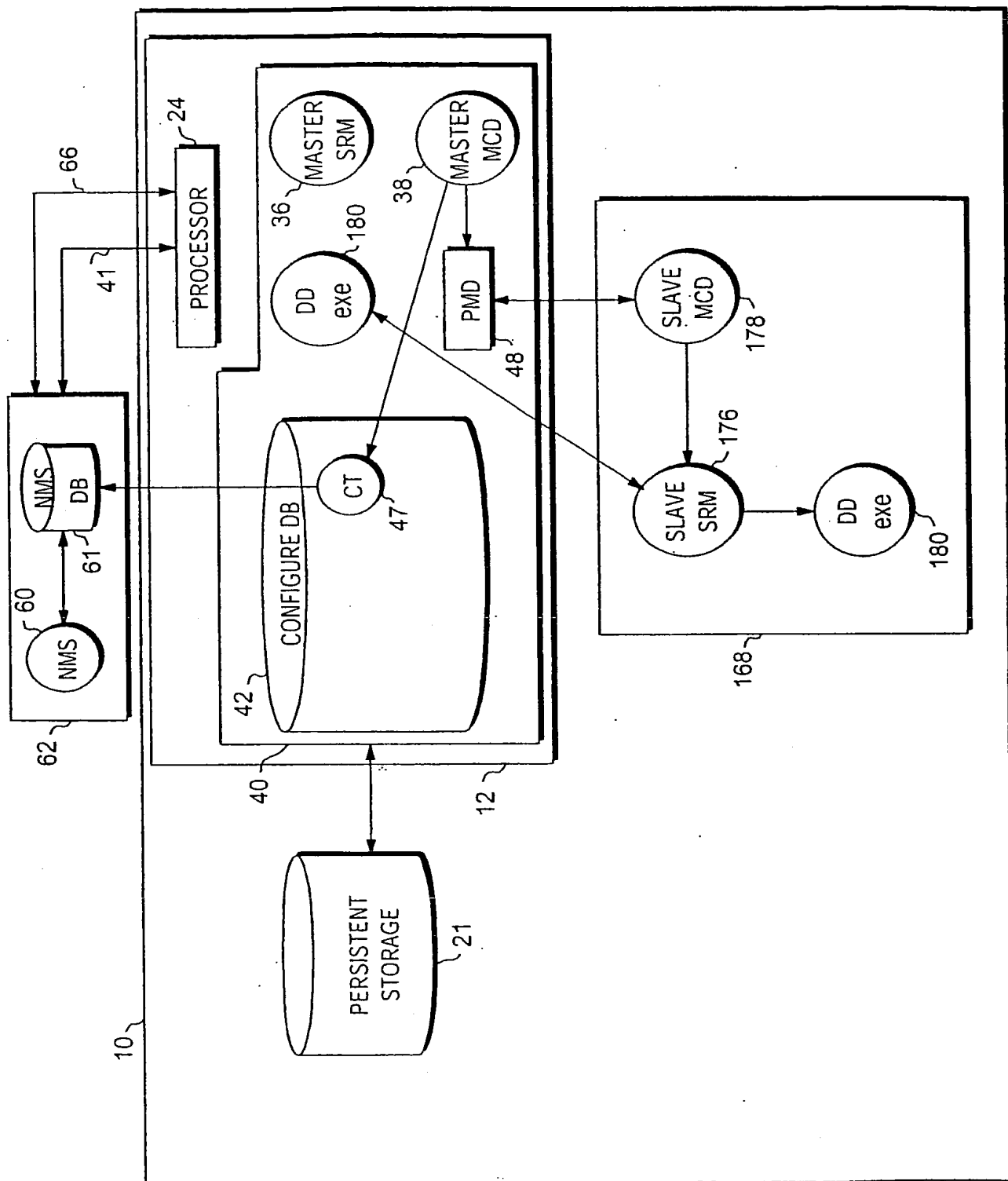


FIG. 19

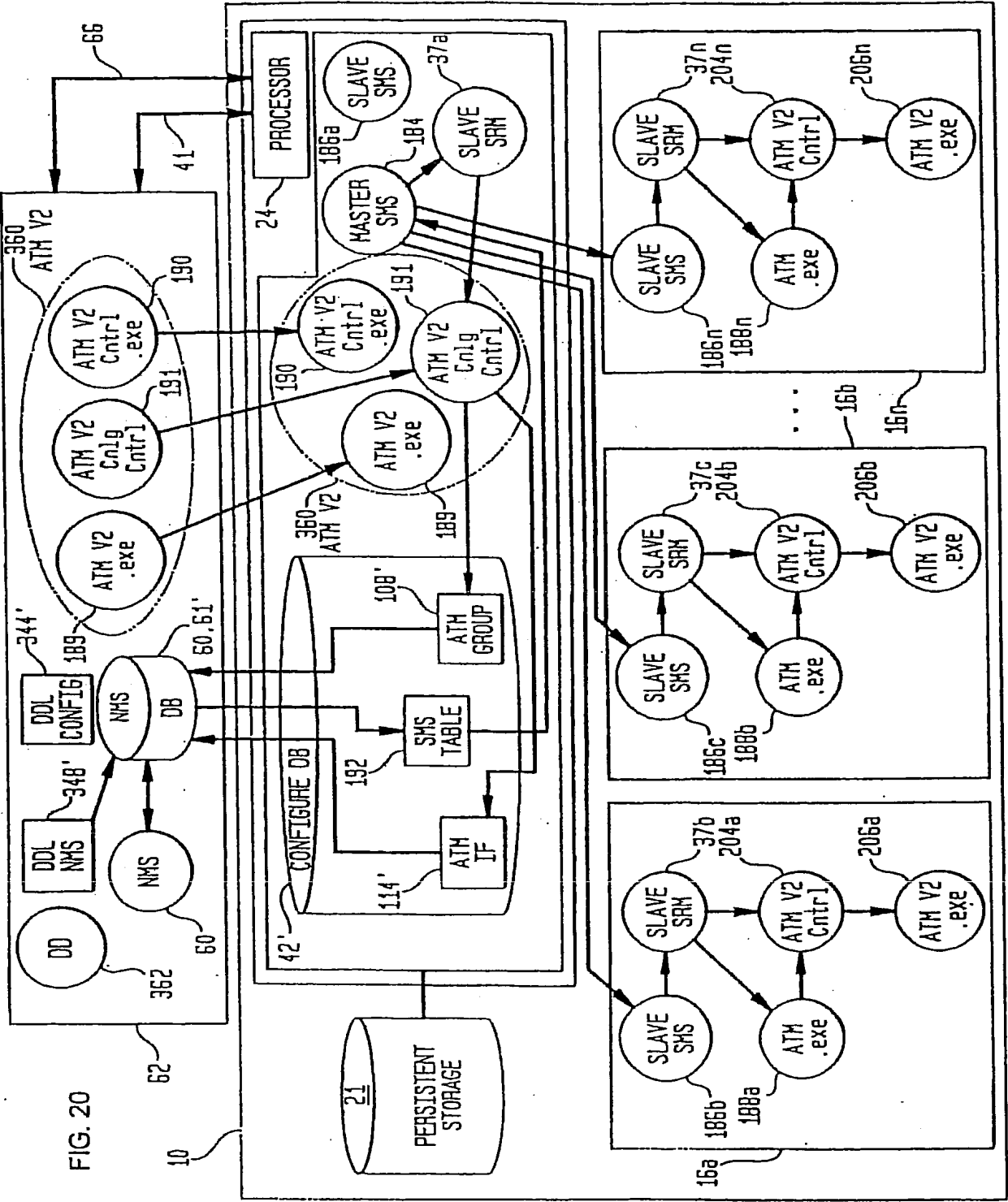


FIG. 21

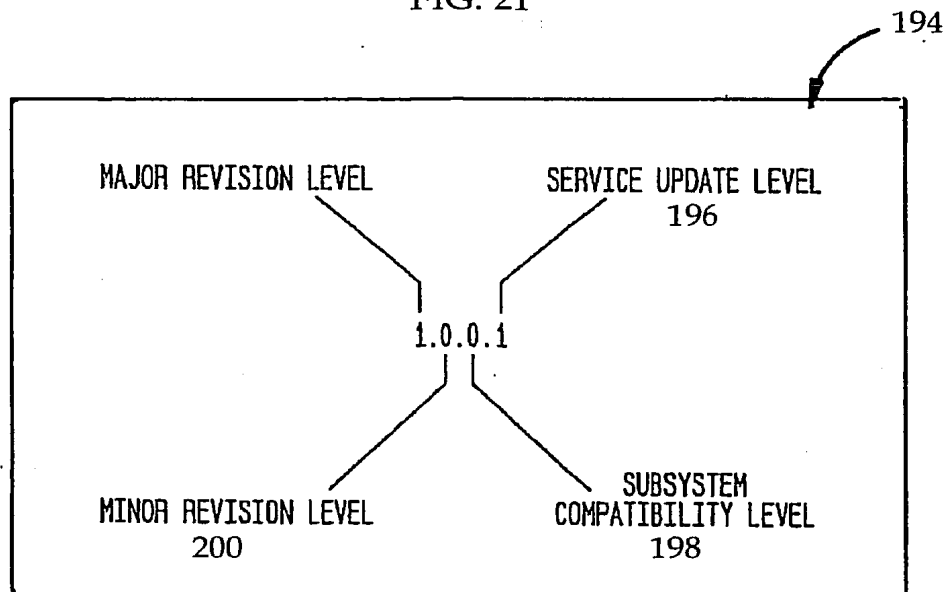
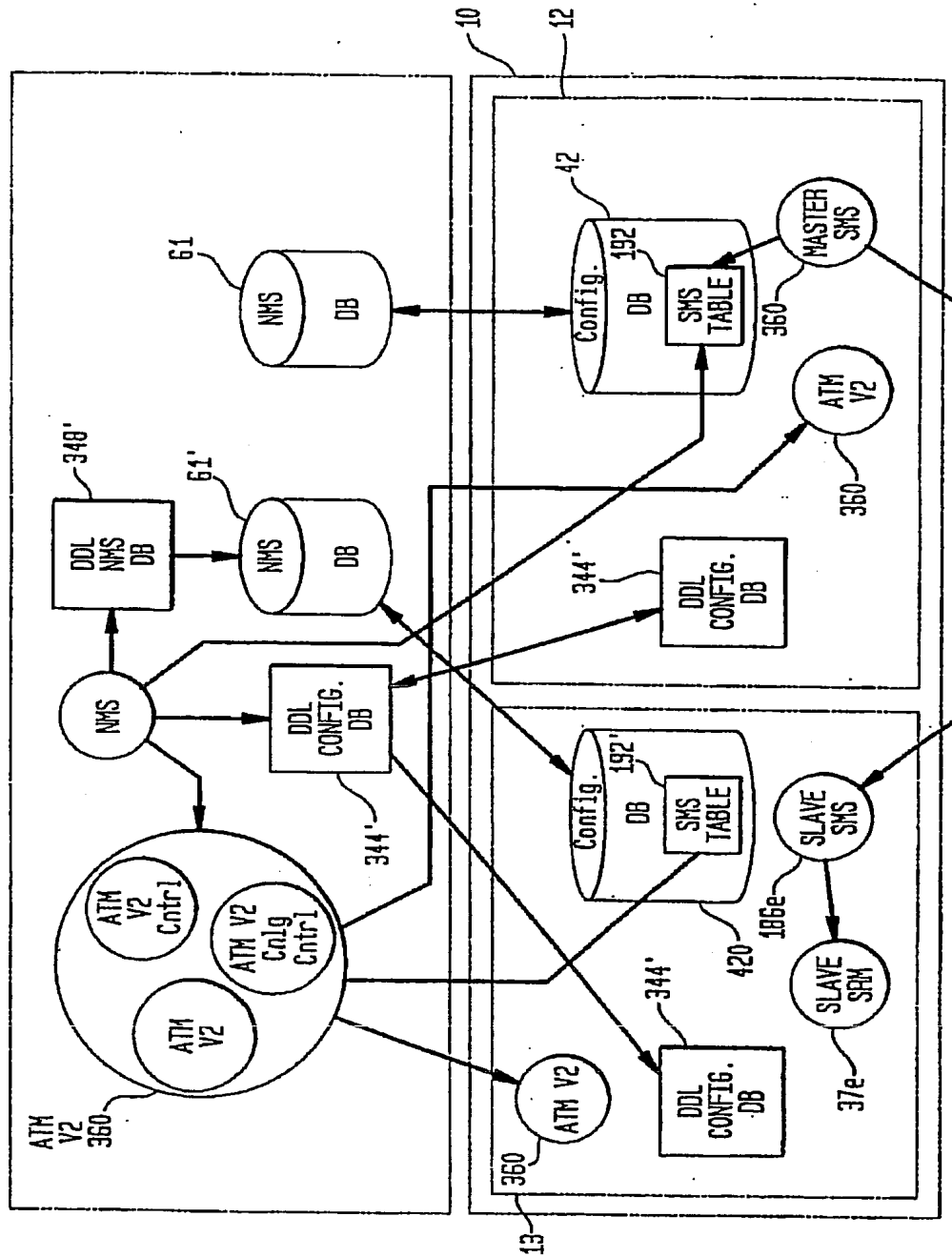
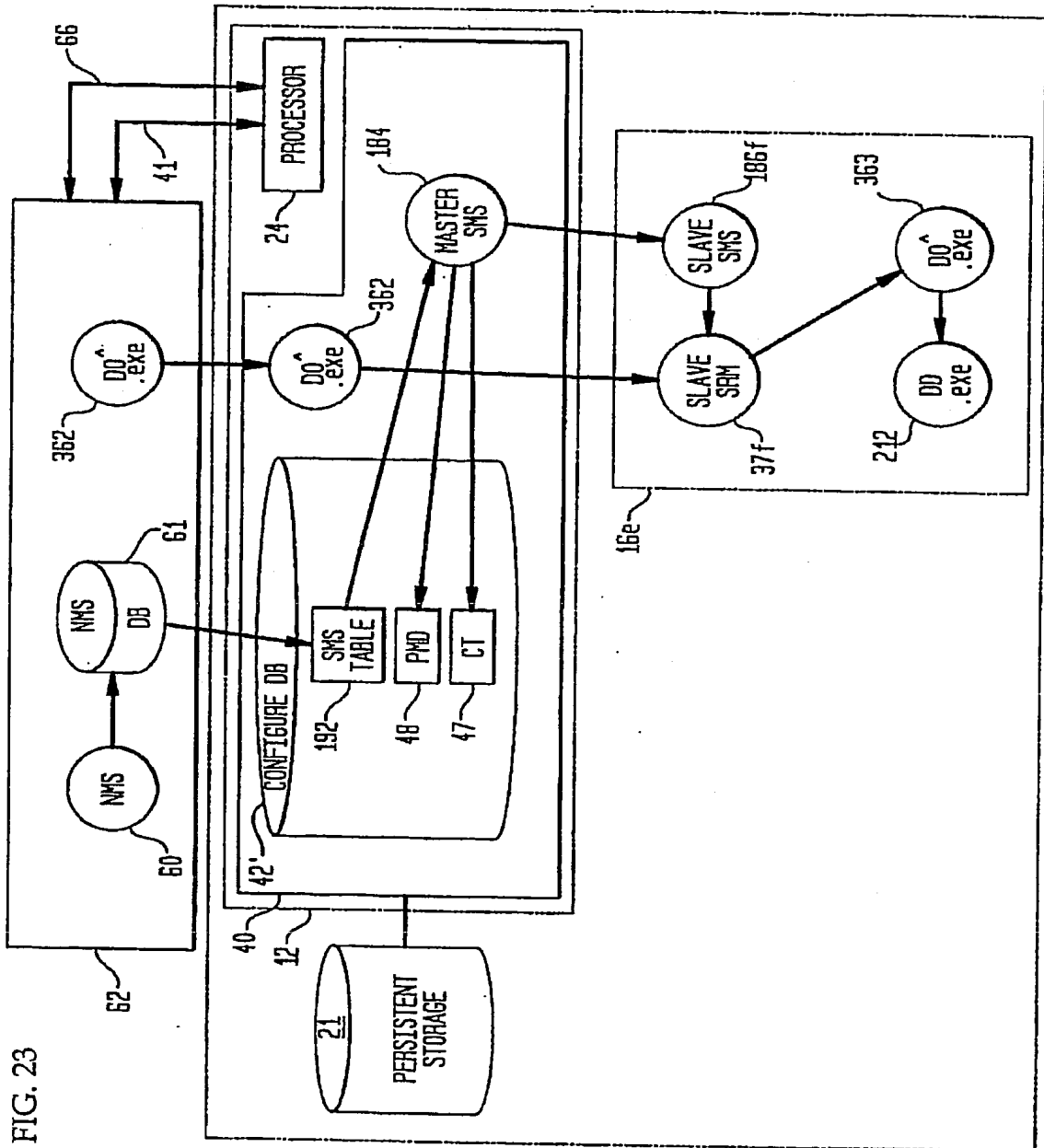


FIG. 22





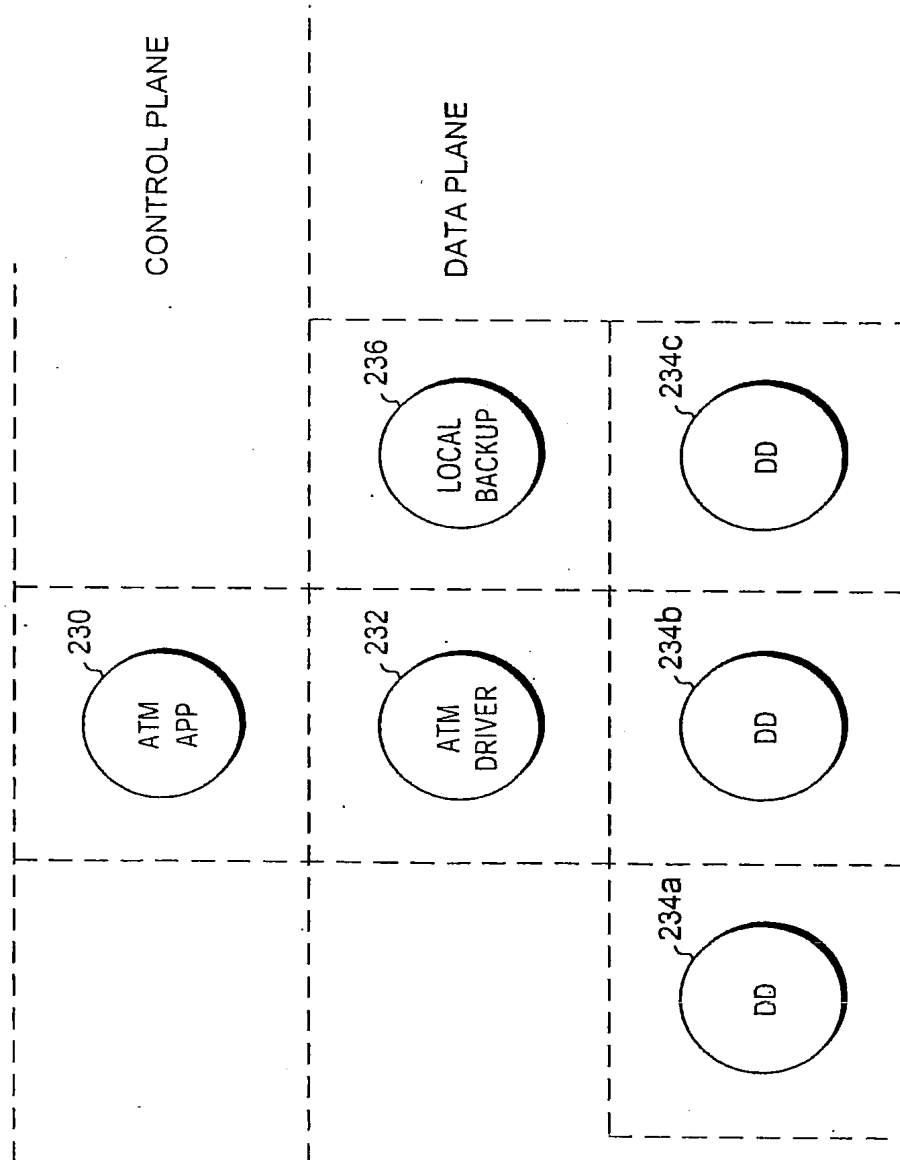


FIG. 24

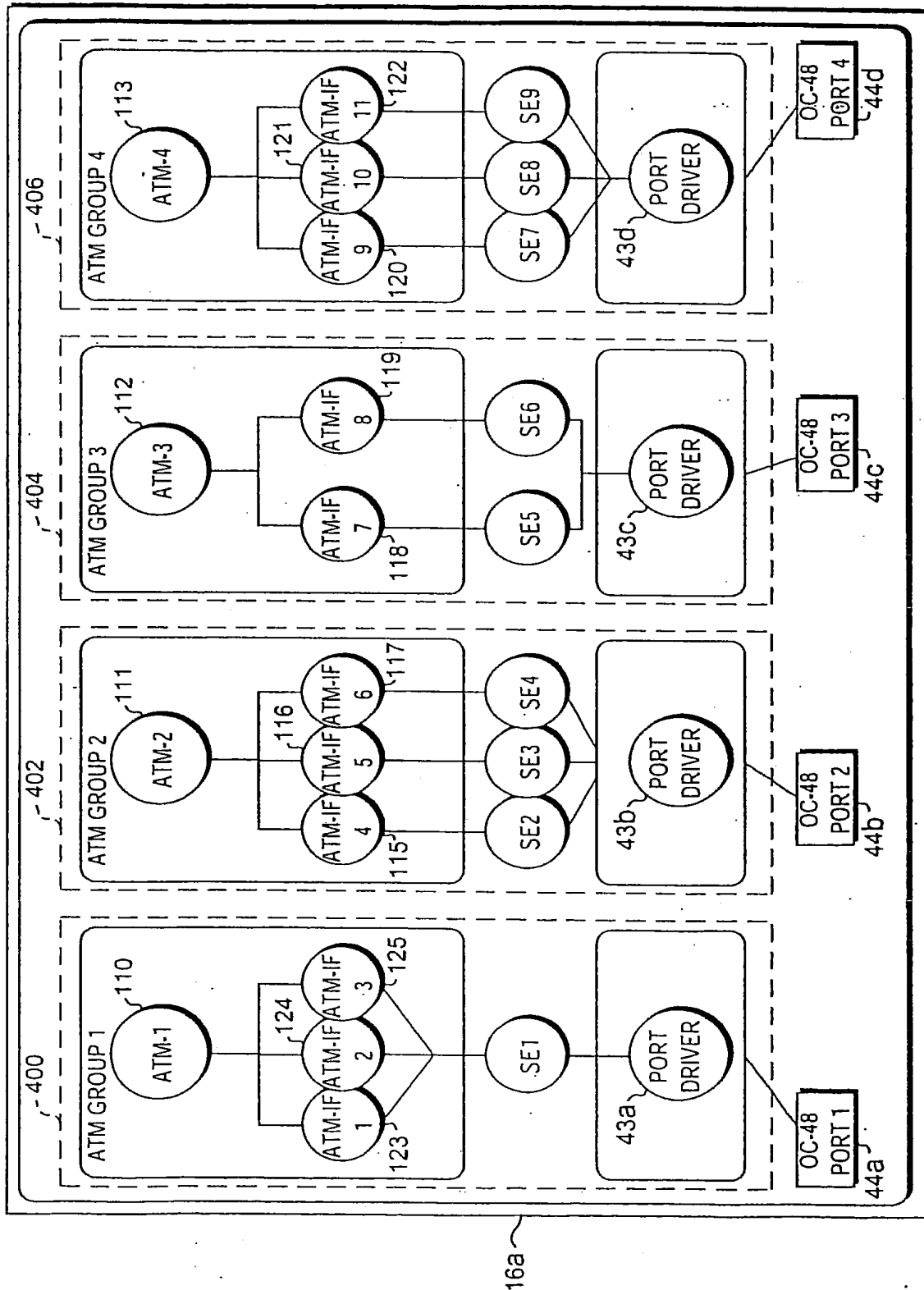


FIG. 25

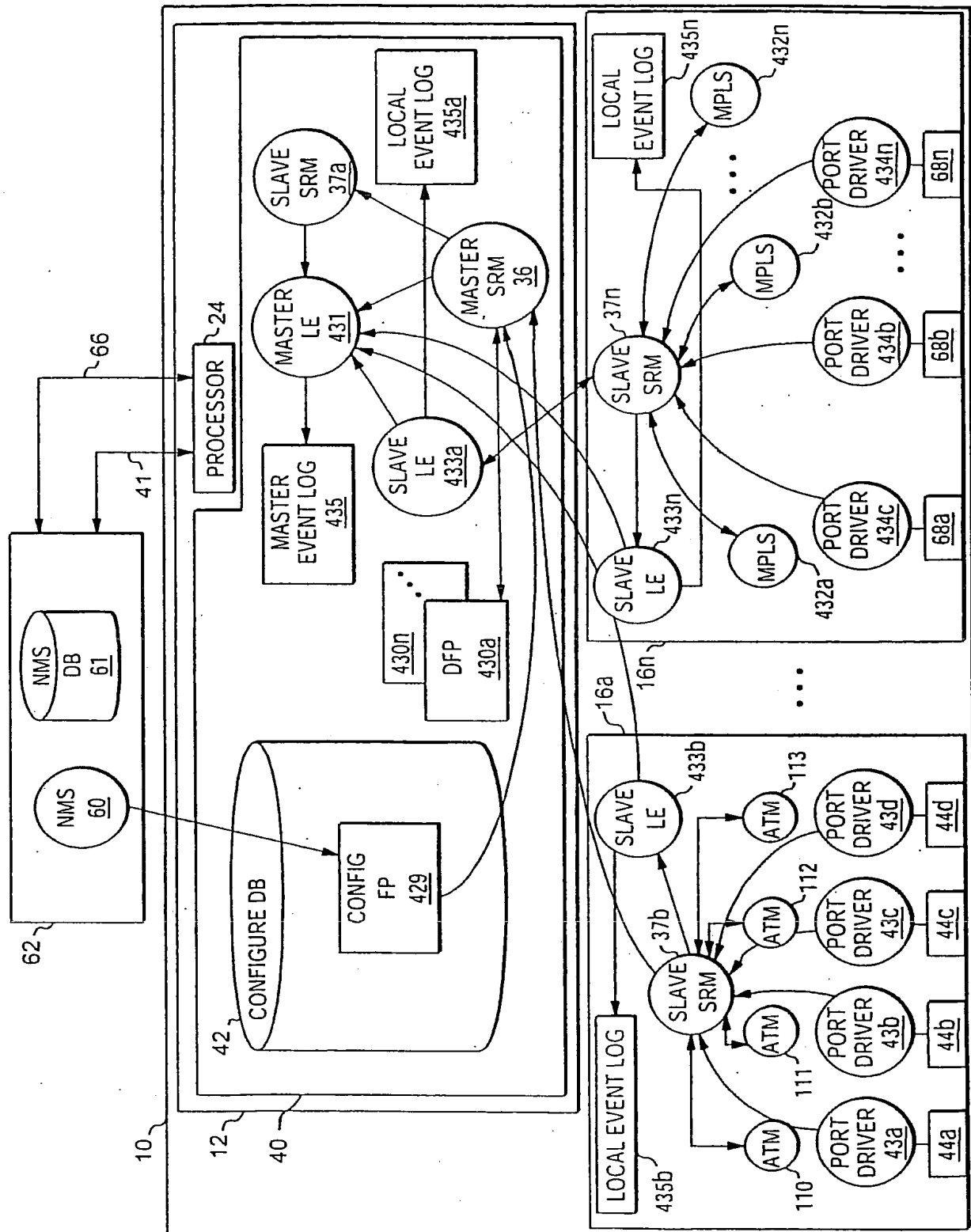


FIG. 26

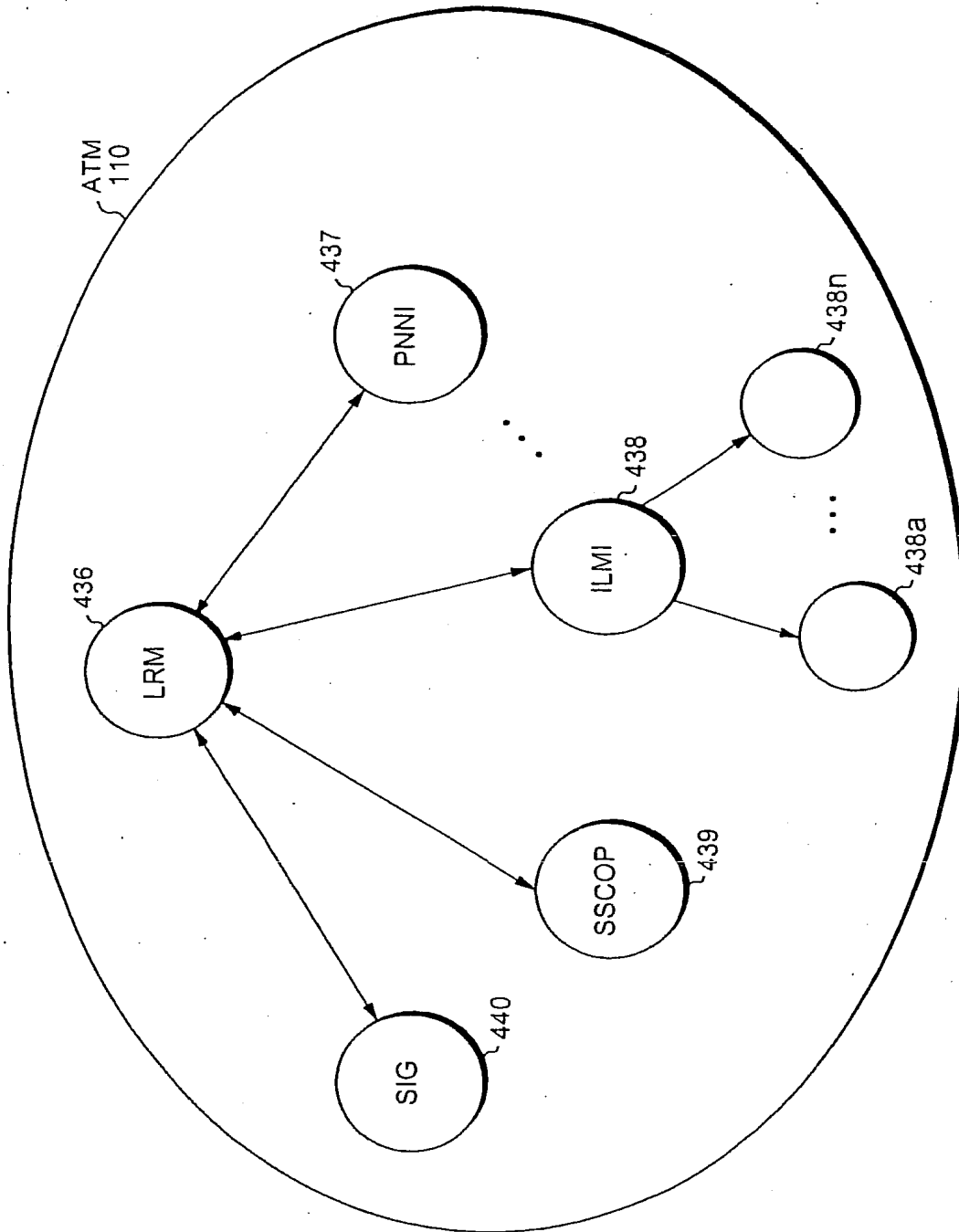


FIG. 27

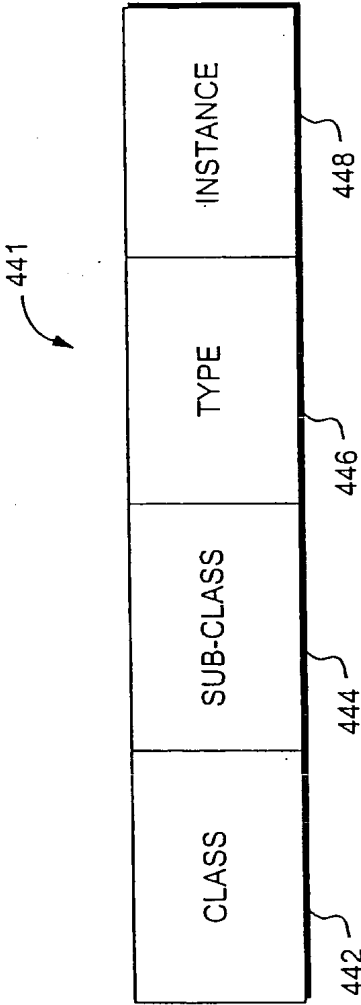


FIG. 28

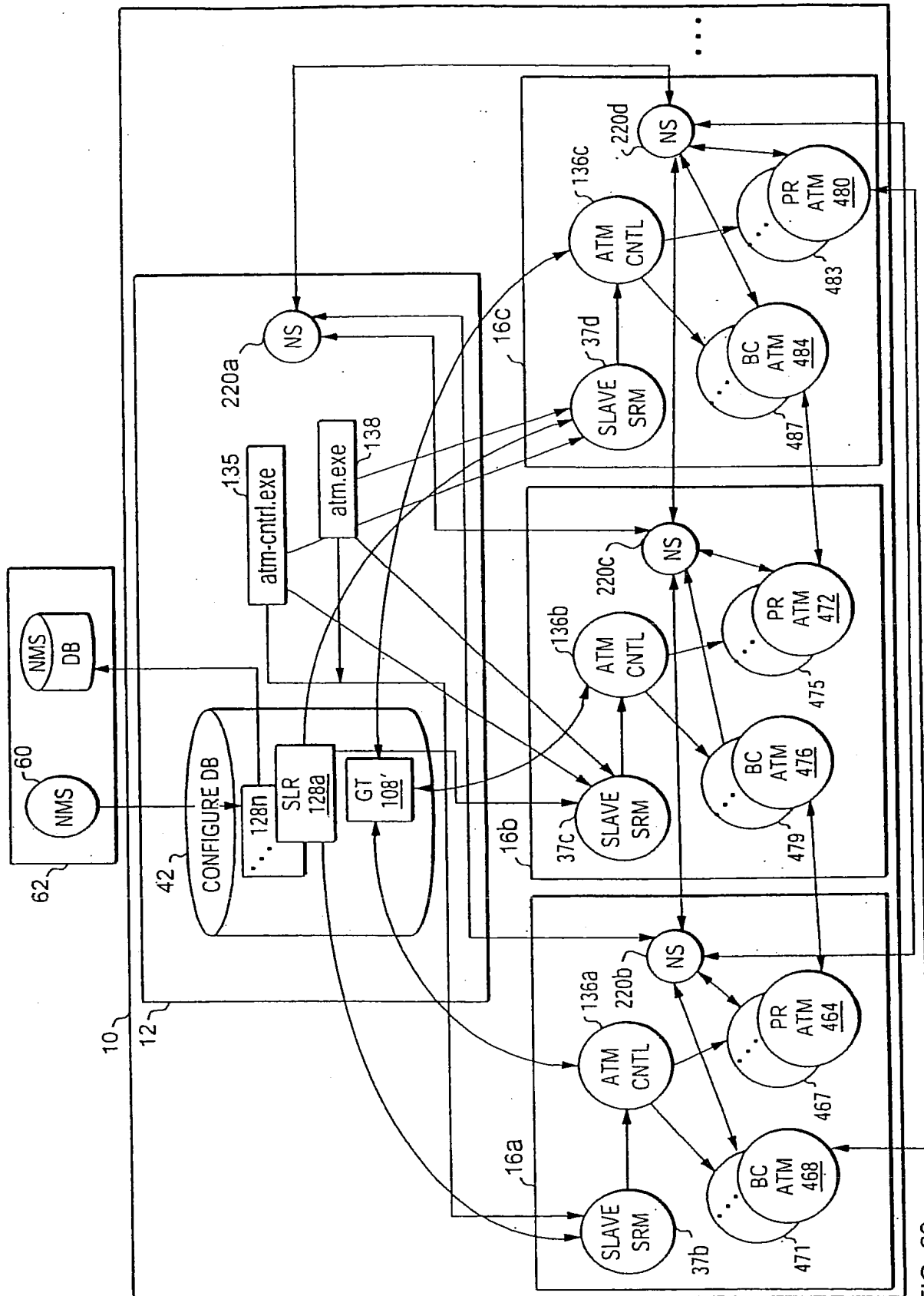


FIG. 29

GROUP TABLE 108'

		447	449	
	GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

FIG. 30

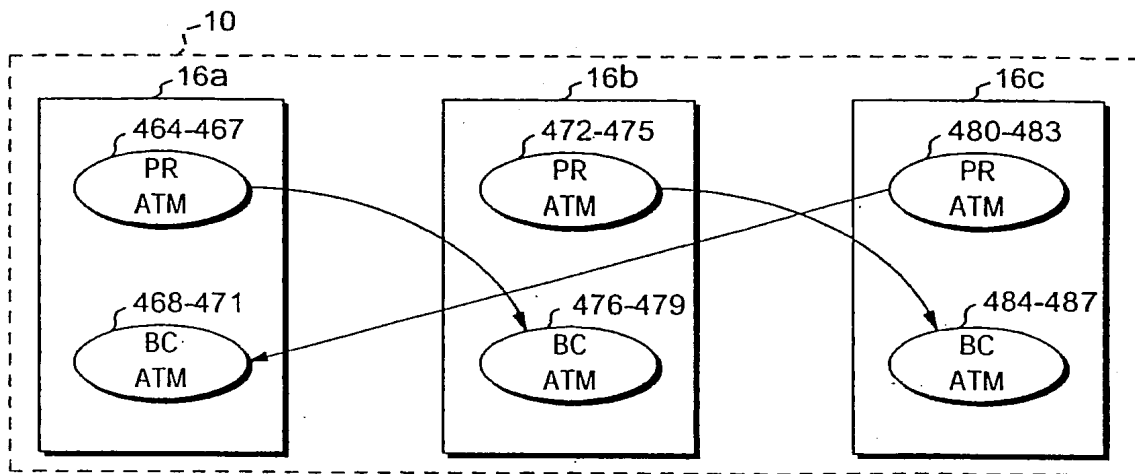


FIG. 31A

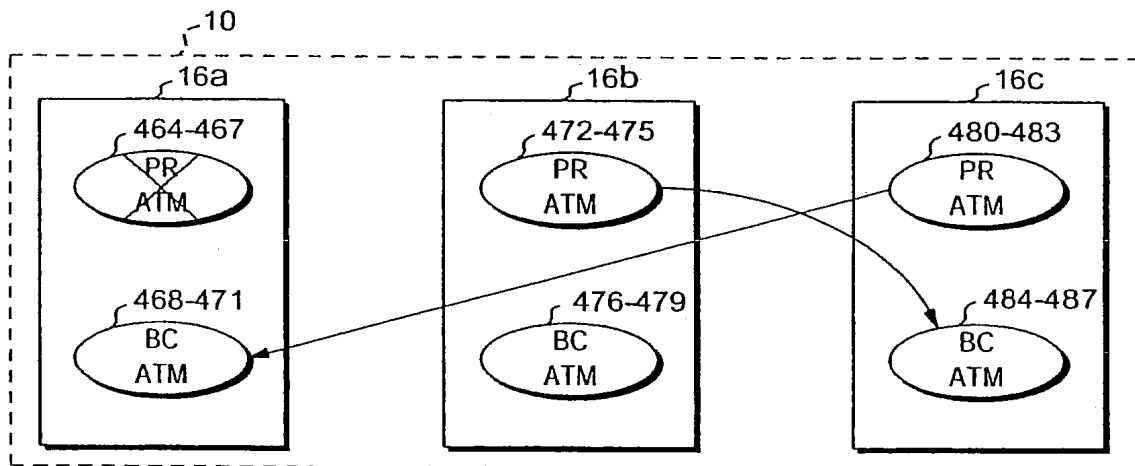


FIG. 31B

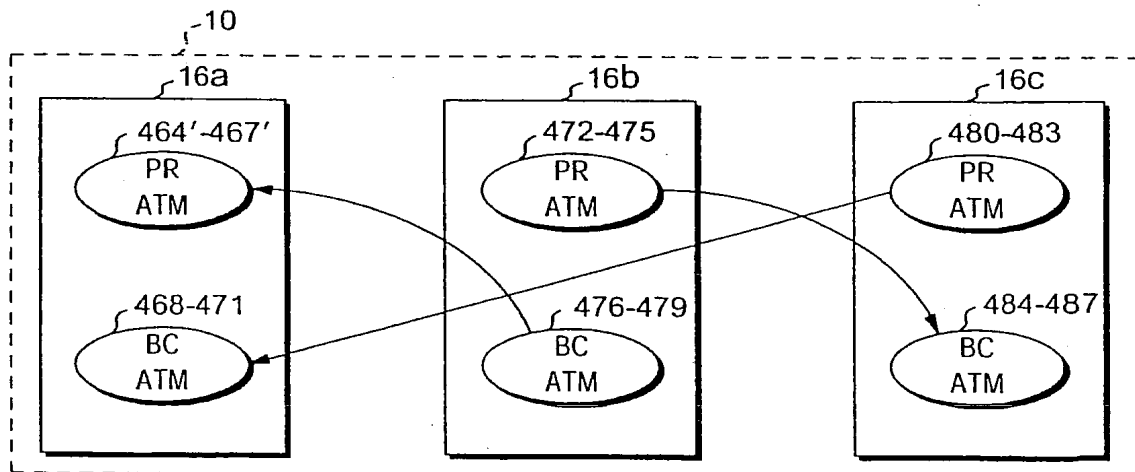


FIG. 31C

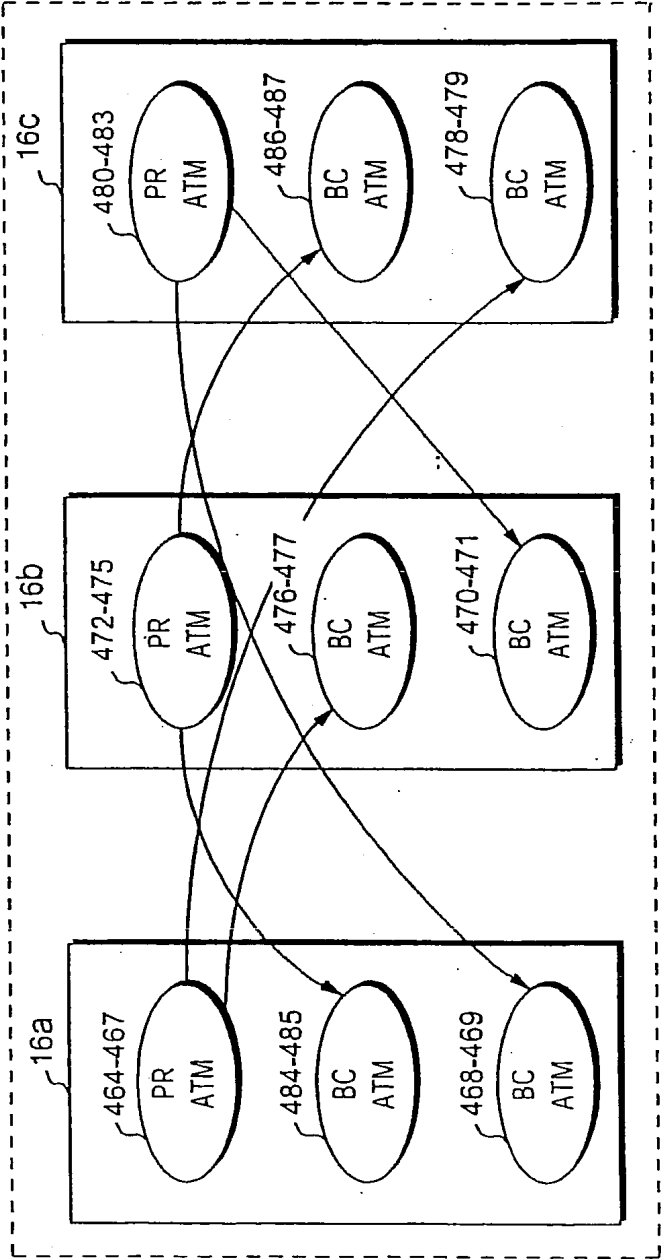


FIG. 32A

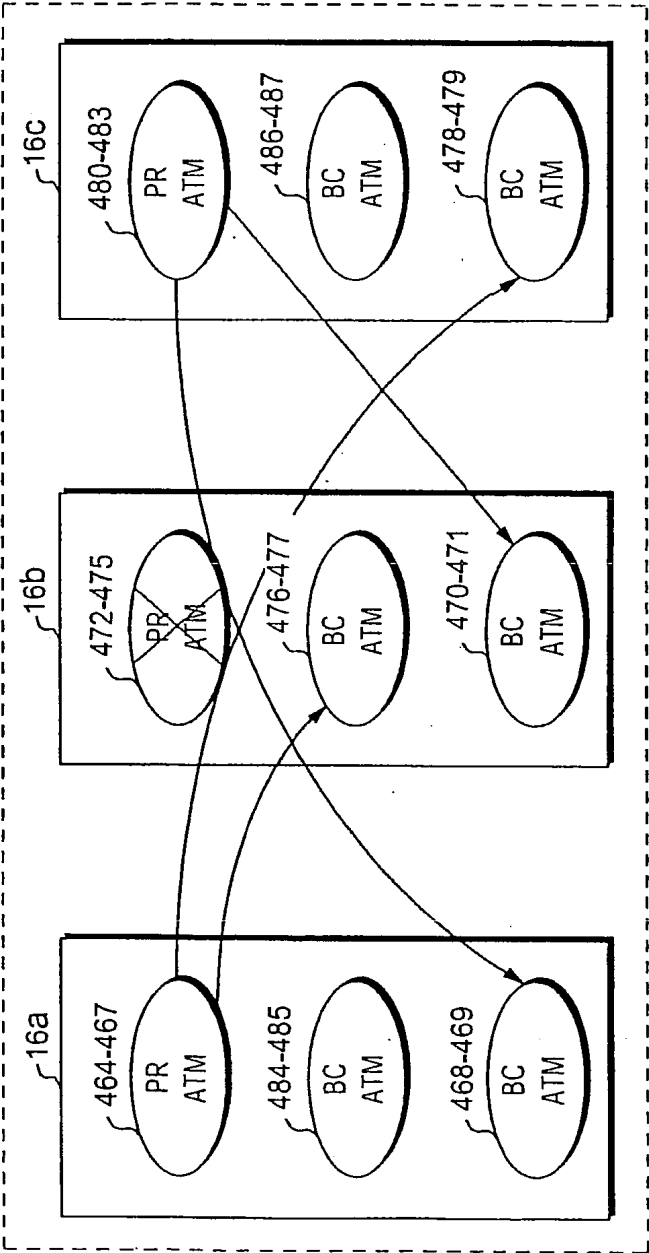


FIG. 32B

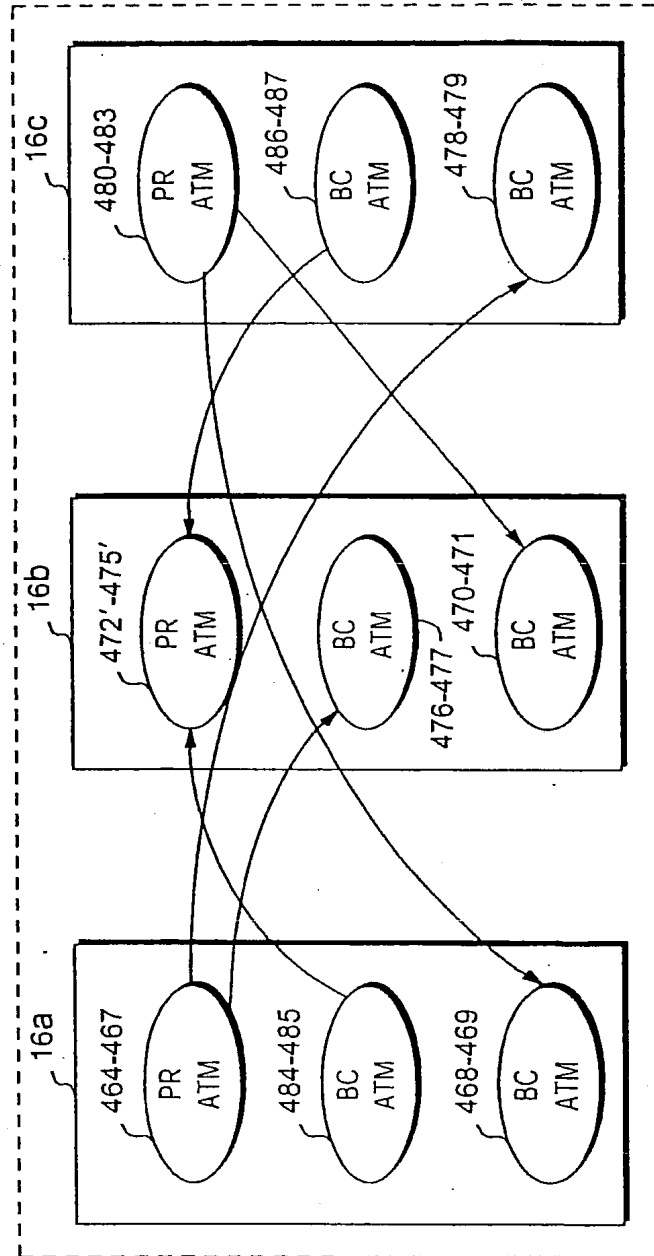


FIG. 32C

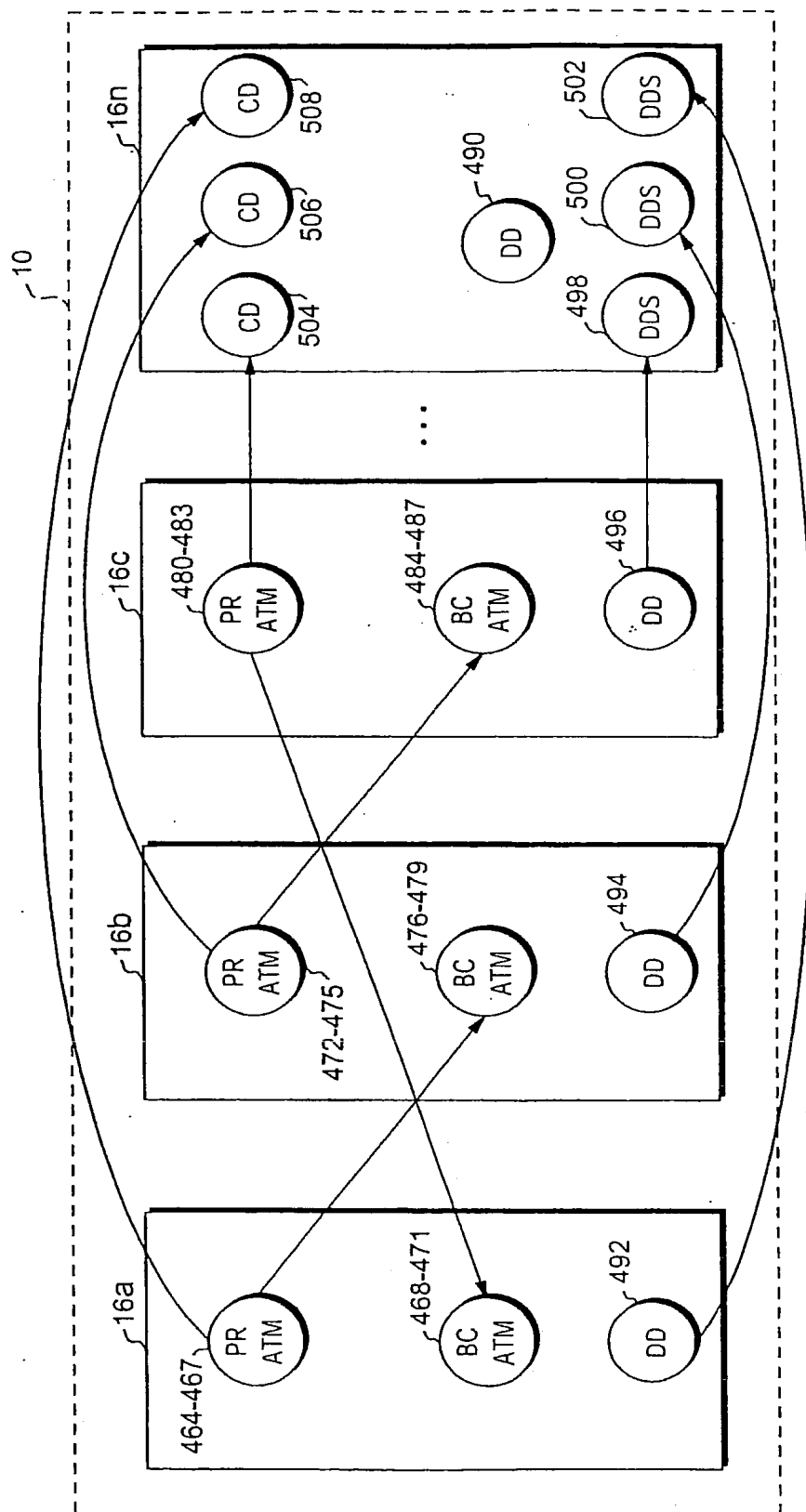


FIG. 33A

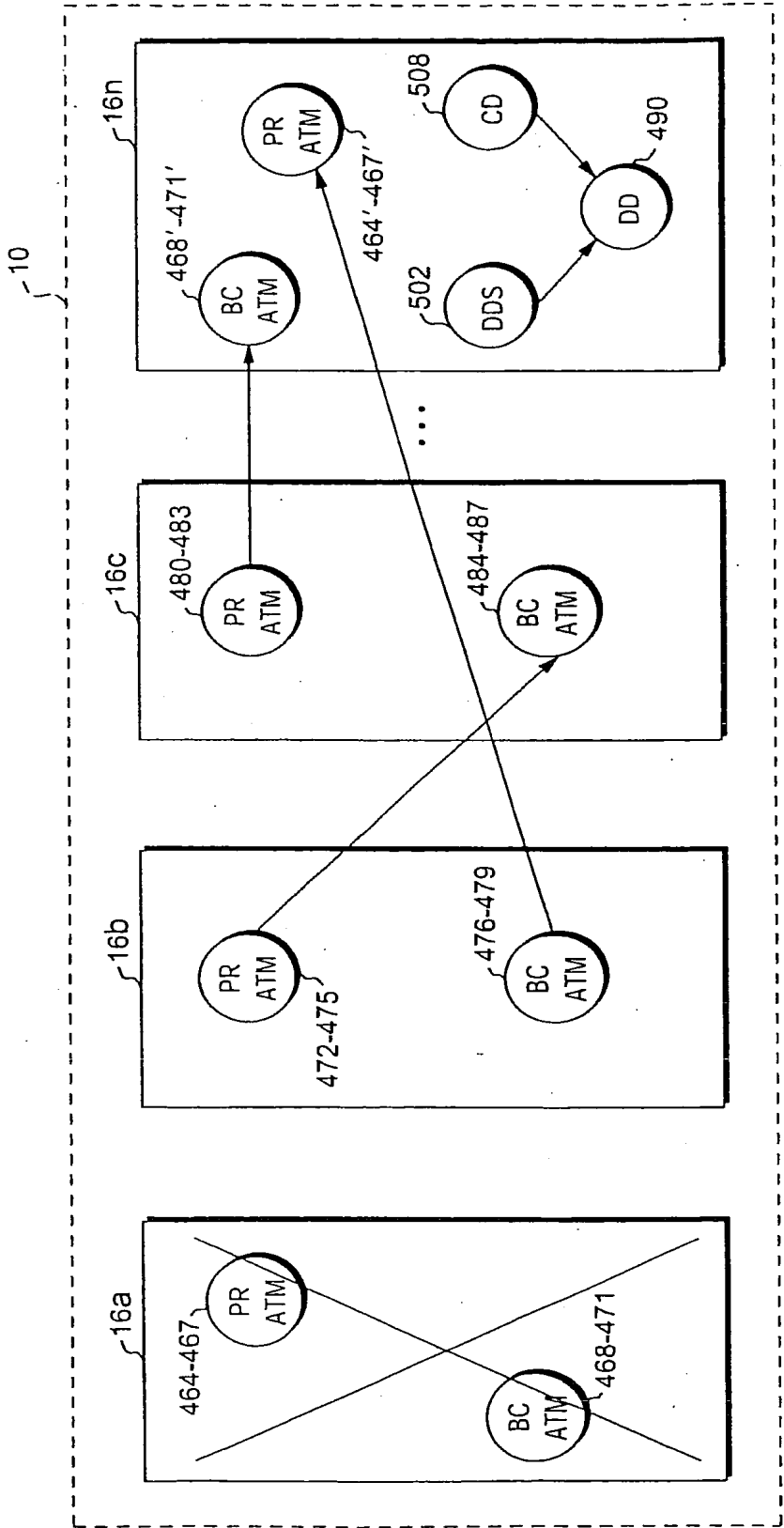


FIG. 33B

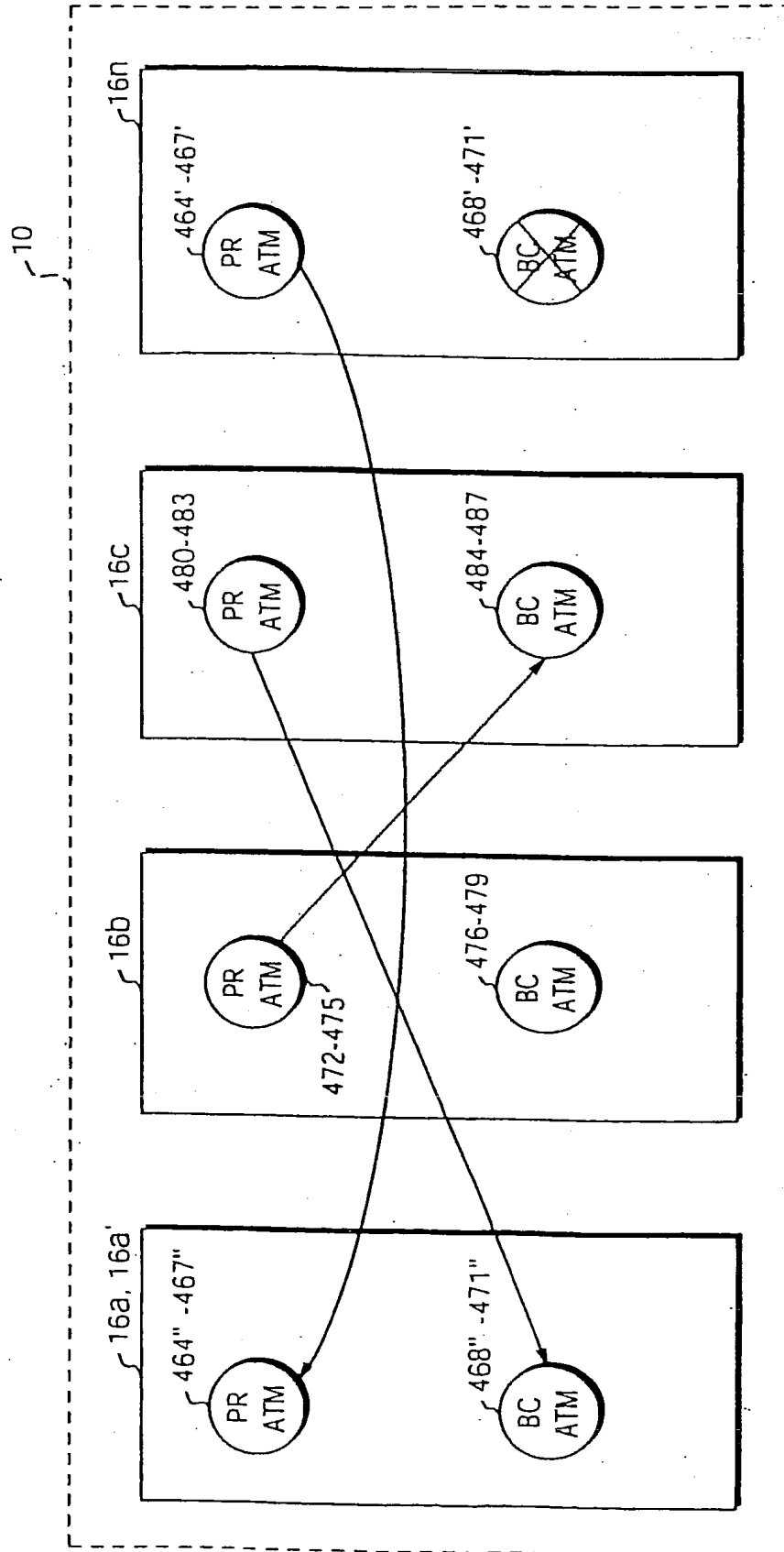


FIG. 33C

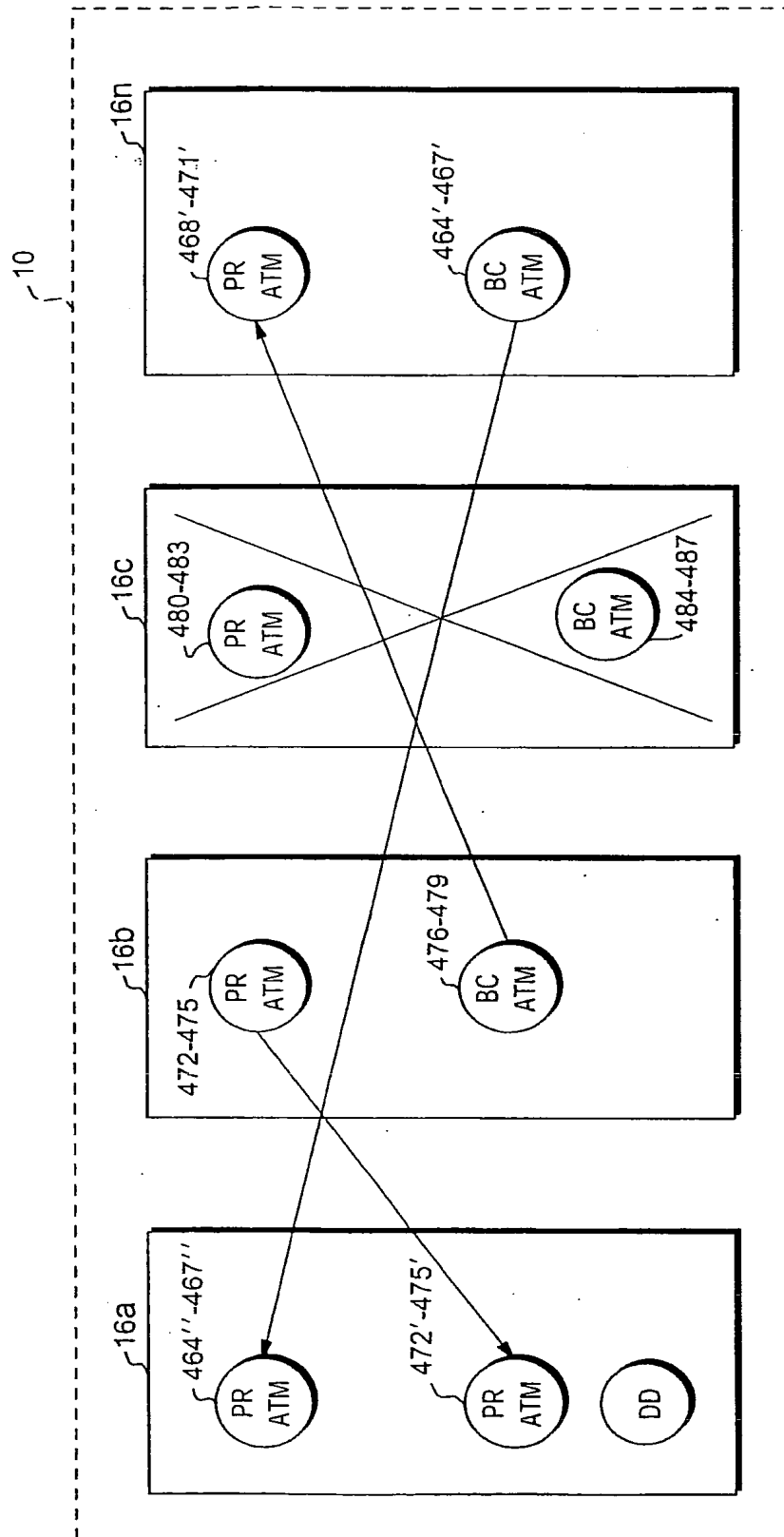


FIG. 33D

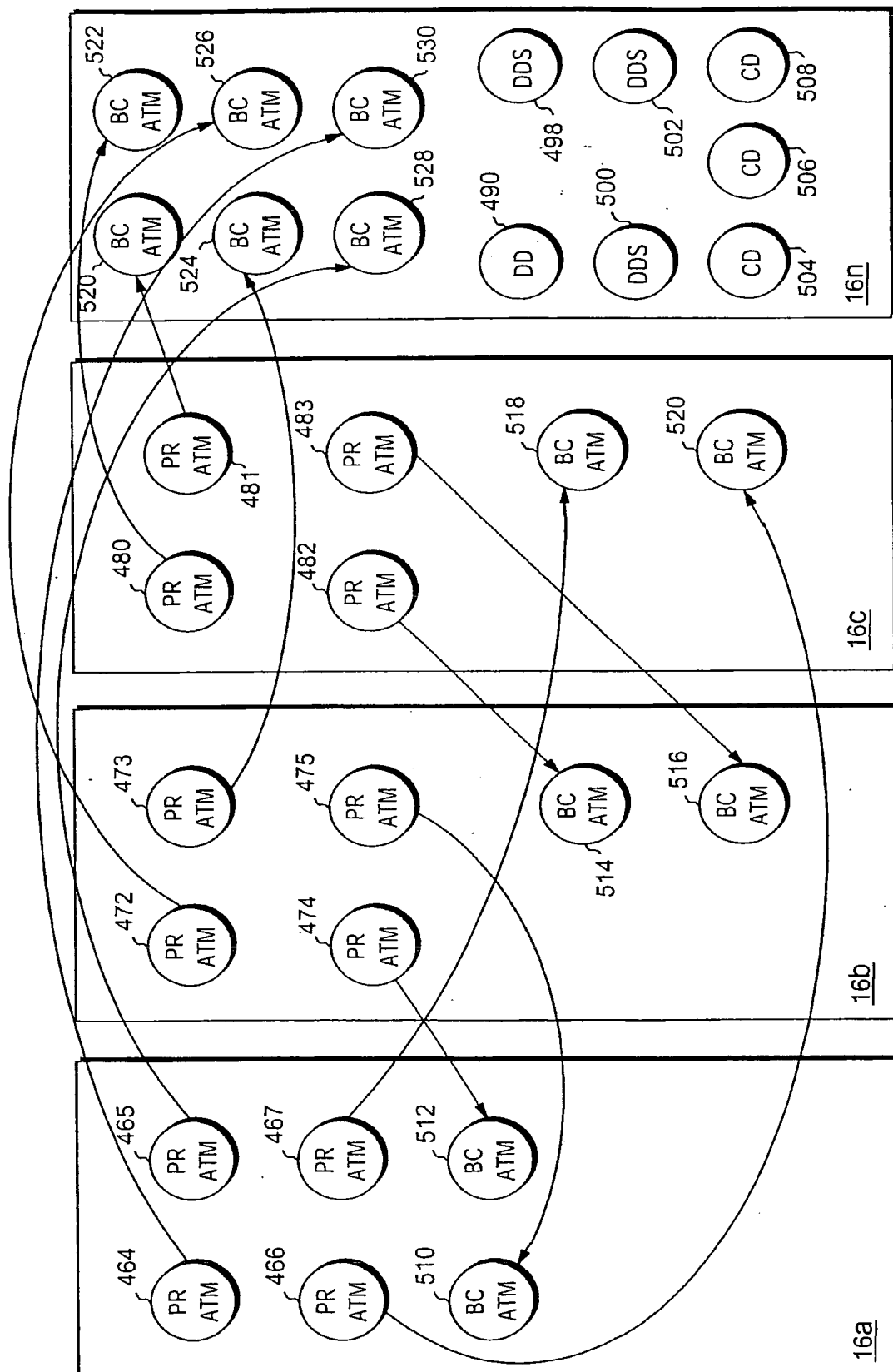


FIG. 34A

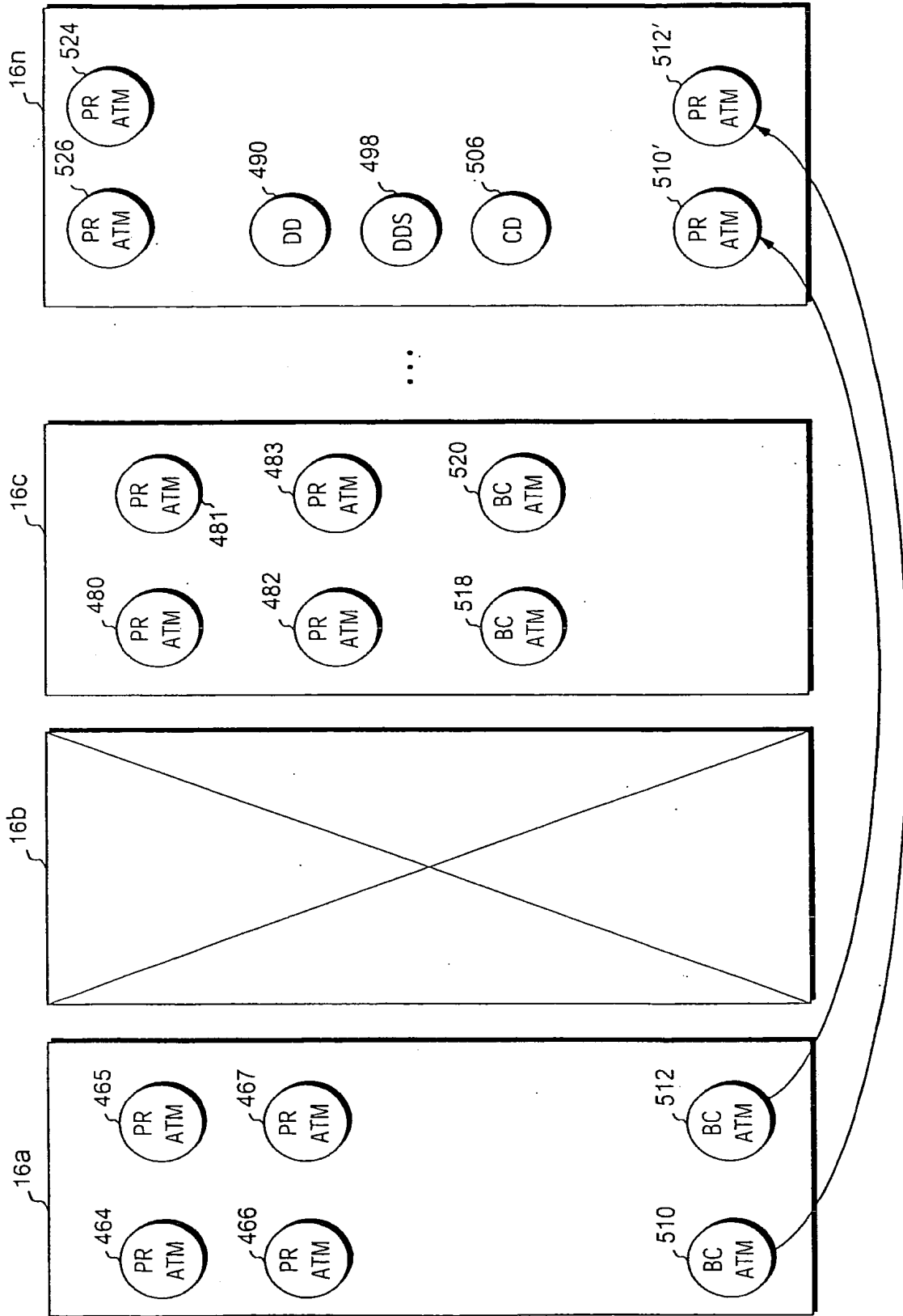


FIG. 34B



FIG. 35

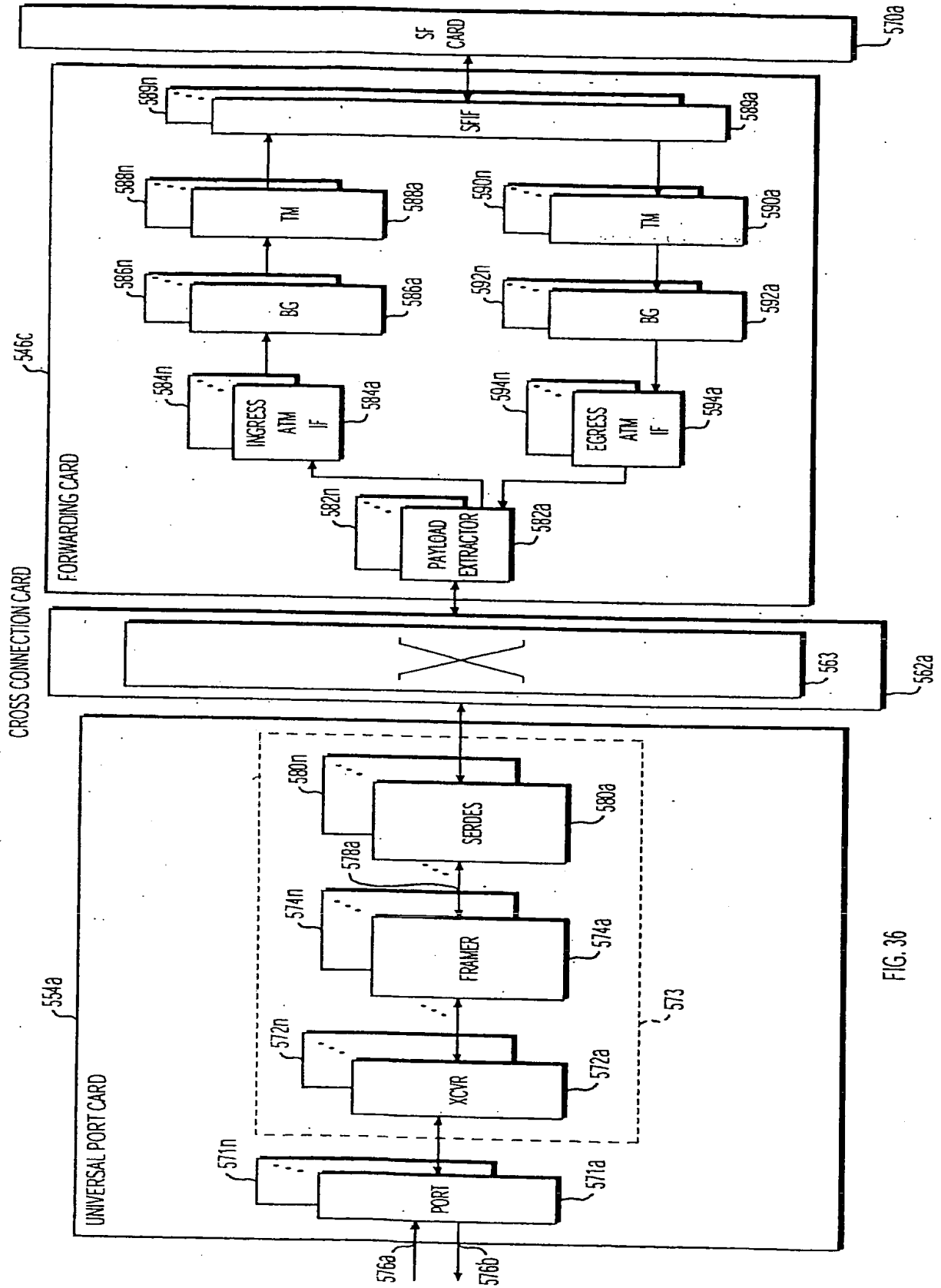


FIG. 36

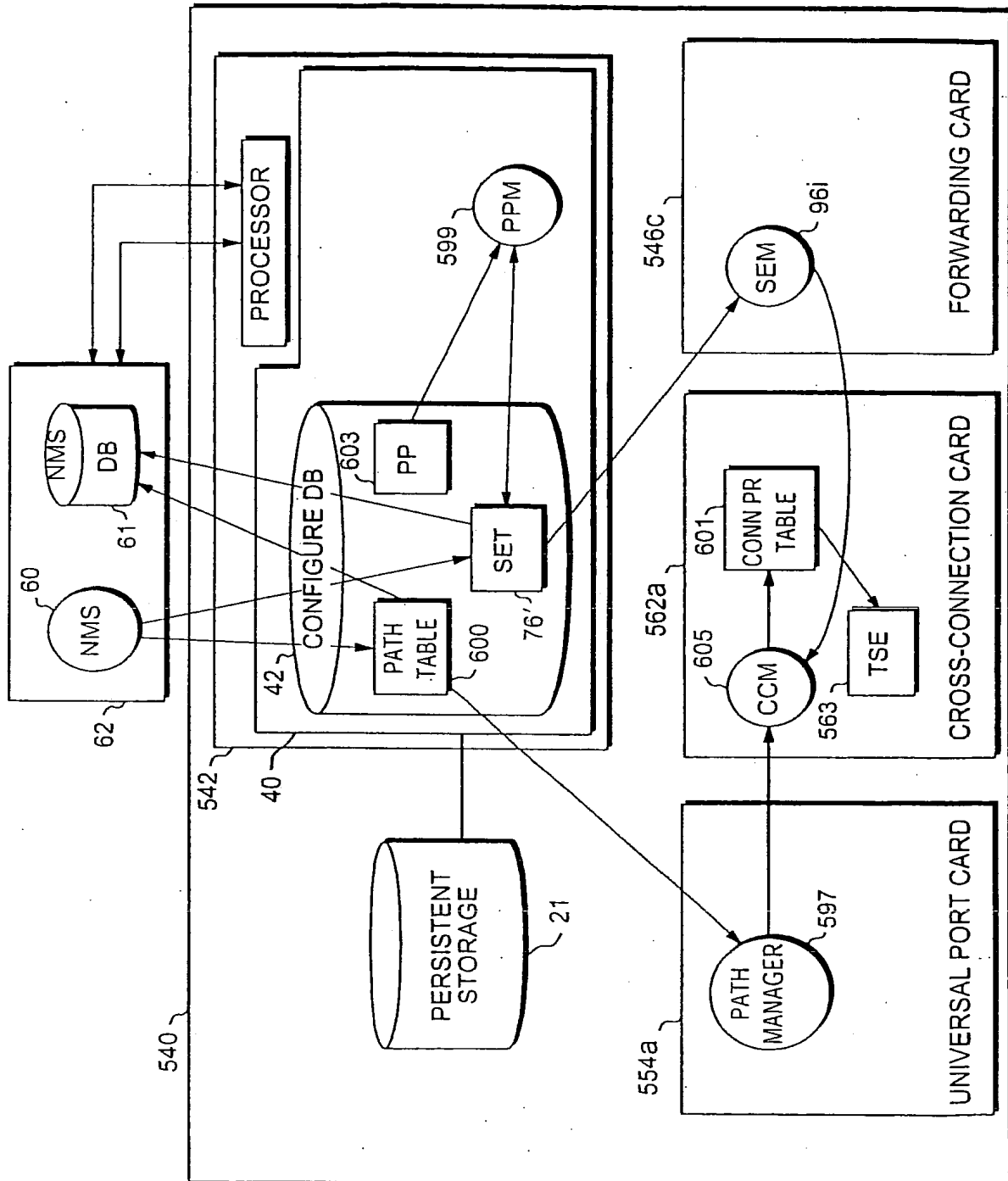


FIG. 37

PATH TABLE 600

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
⋮	⋮	⋮	⋮	⋮

FIG. 38

SERVICE END POINT TABLE 76'

604			606		608	610	
	SE #	Q #	FC LID	FC SLICE	FC TIME SLOT	PATH PID	...
	878	1				1666	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 39

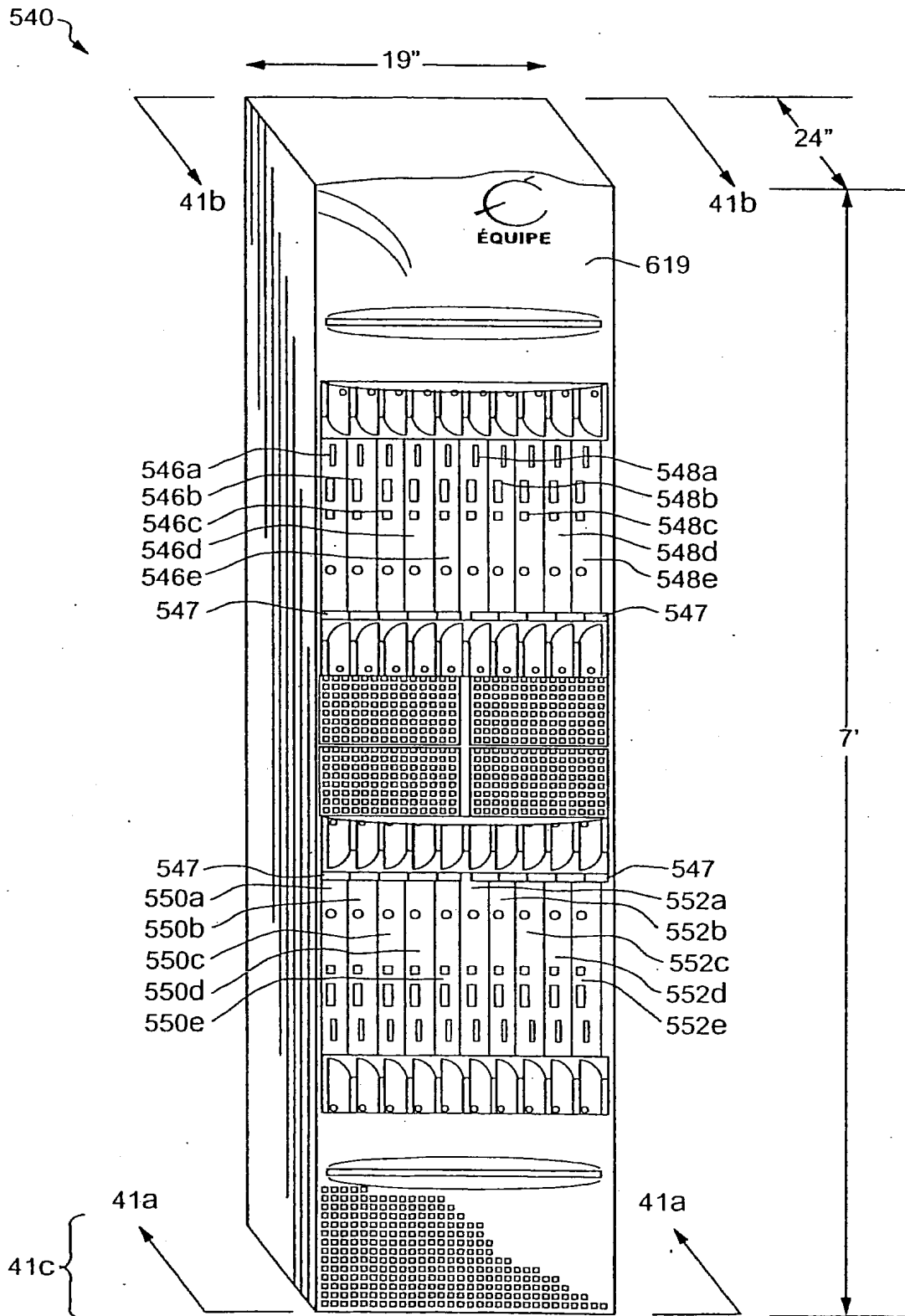


FIG. 40

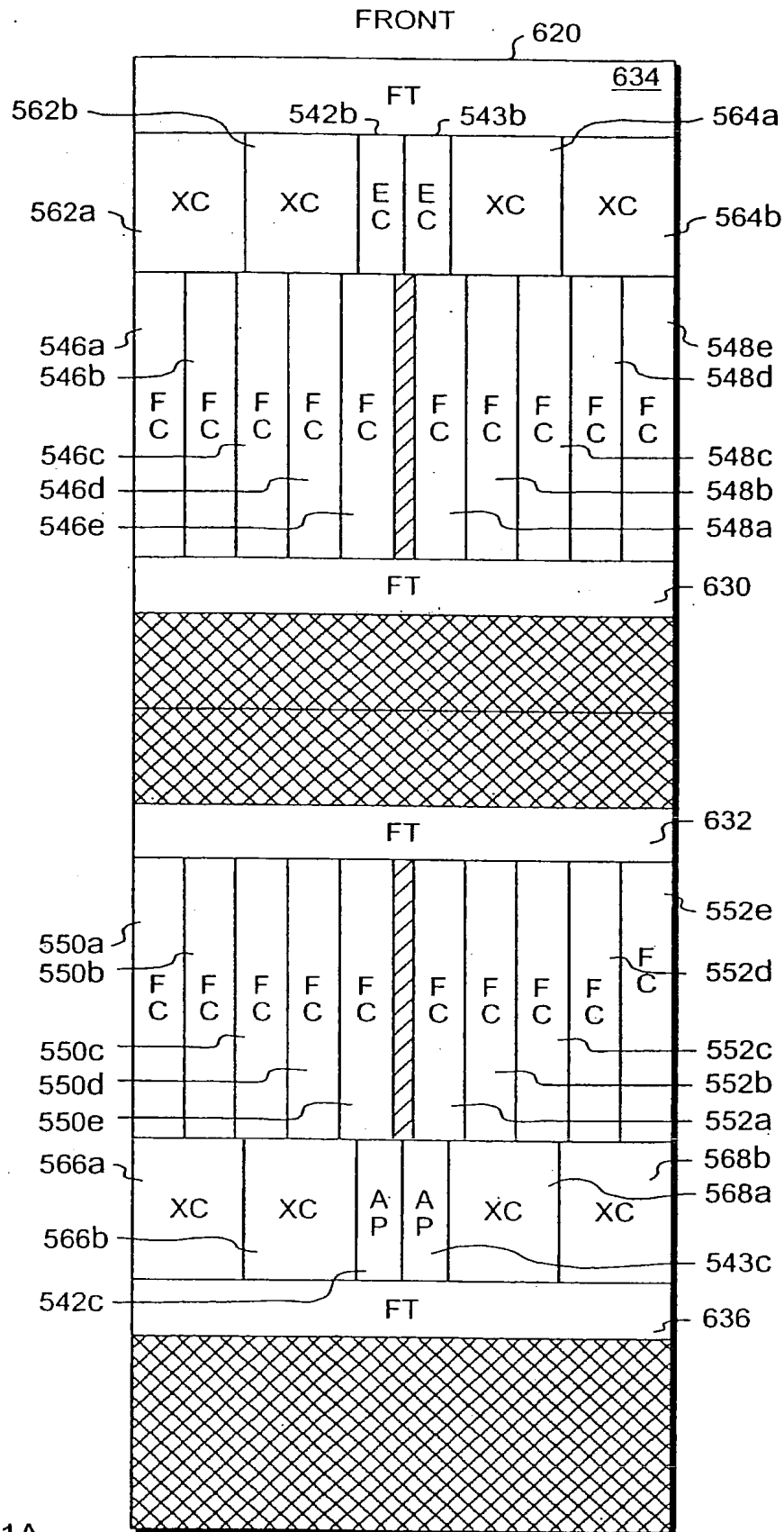


FIG. 41A

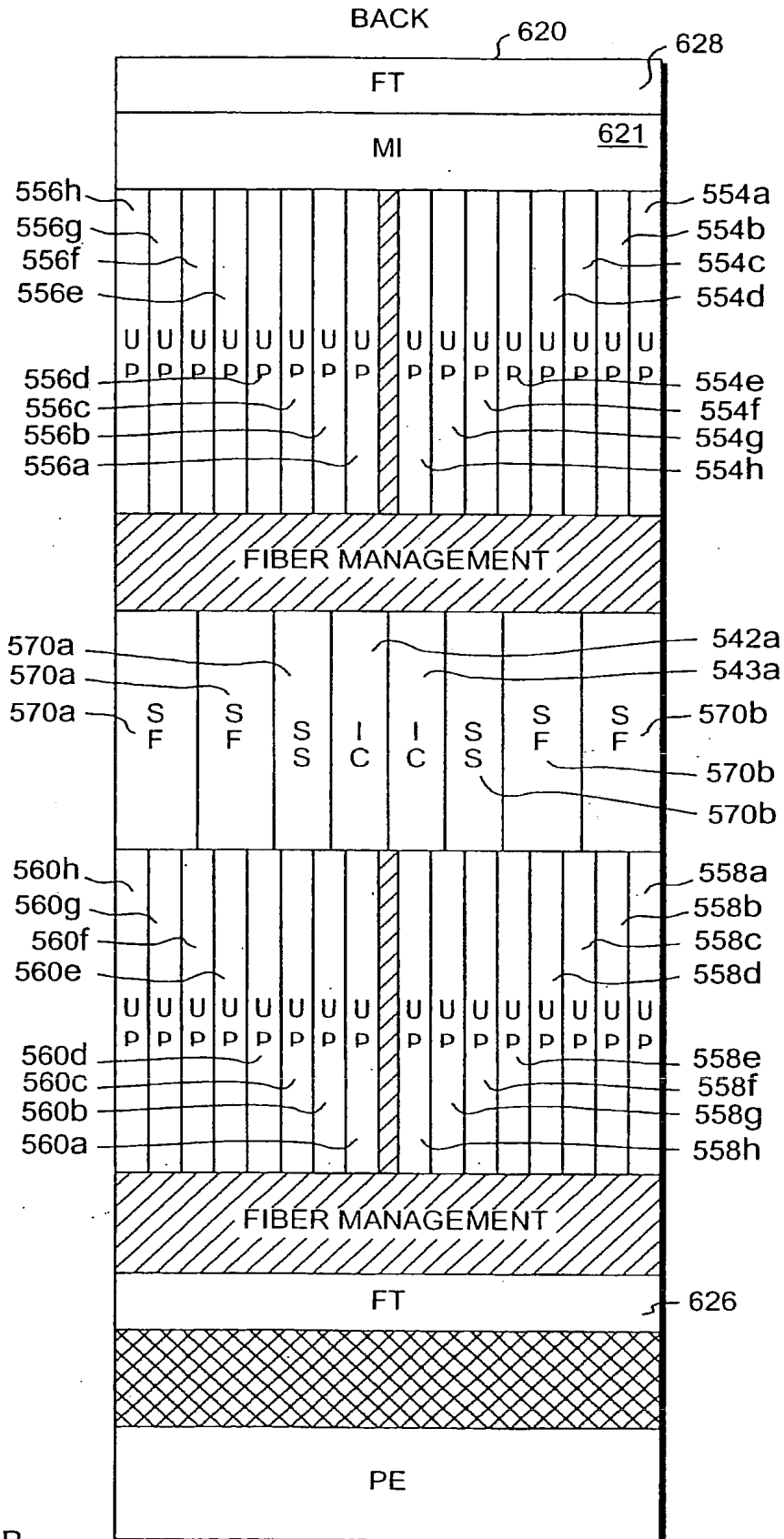


FIG. 41B

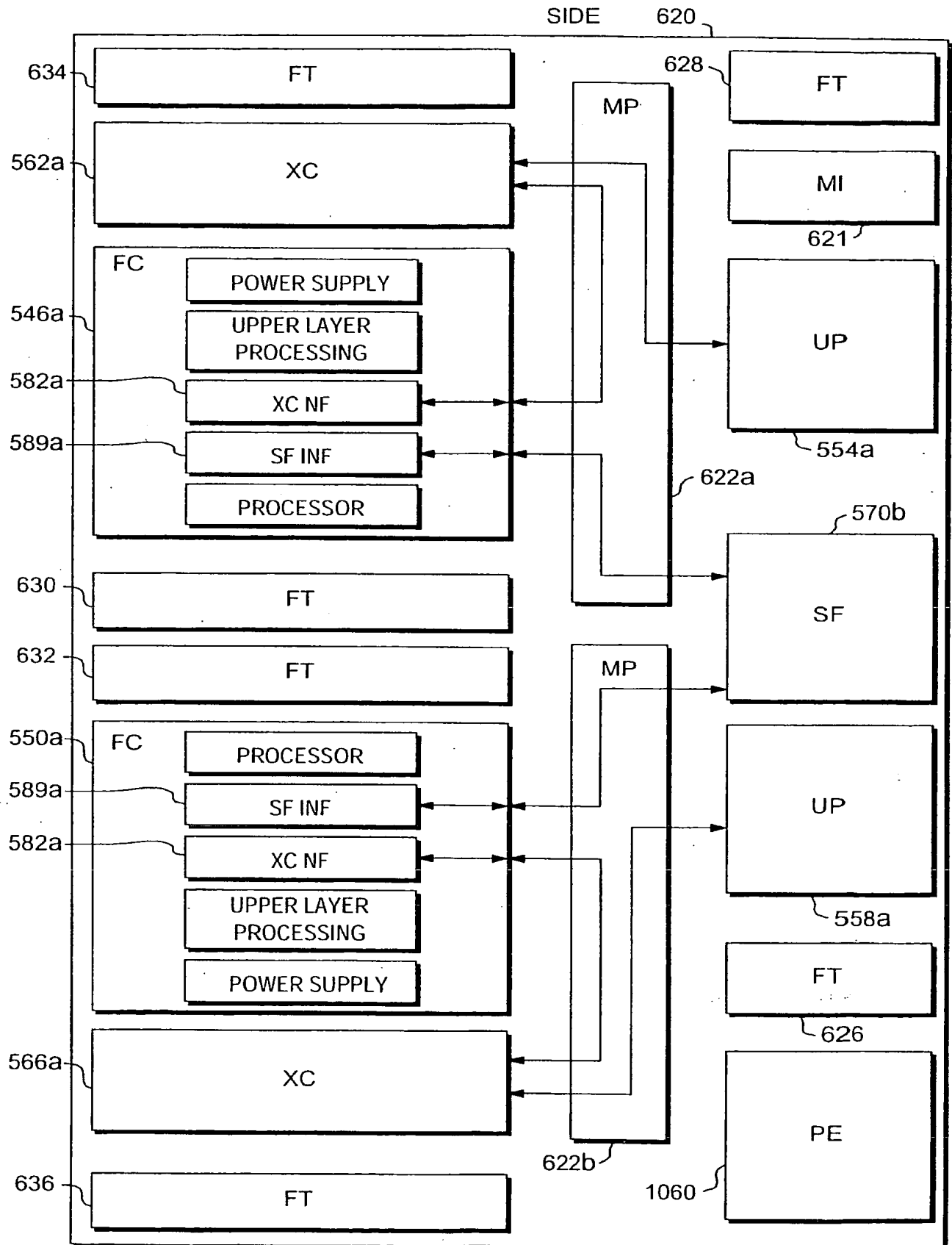


FIG. 41C

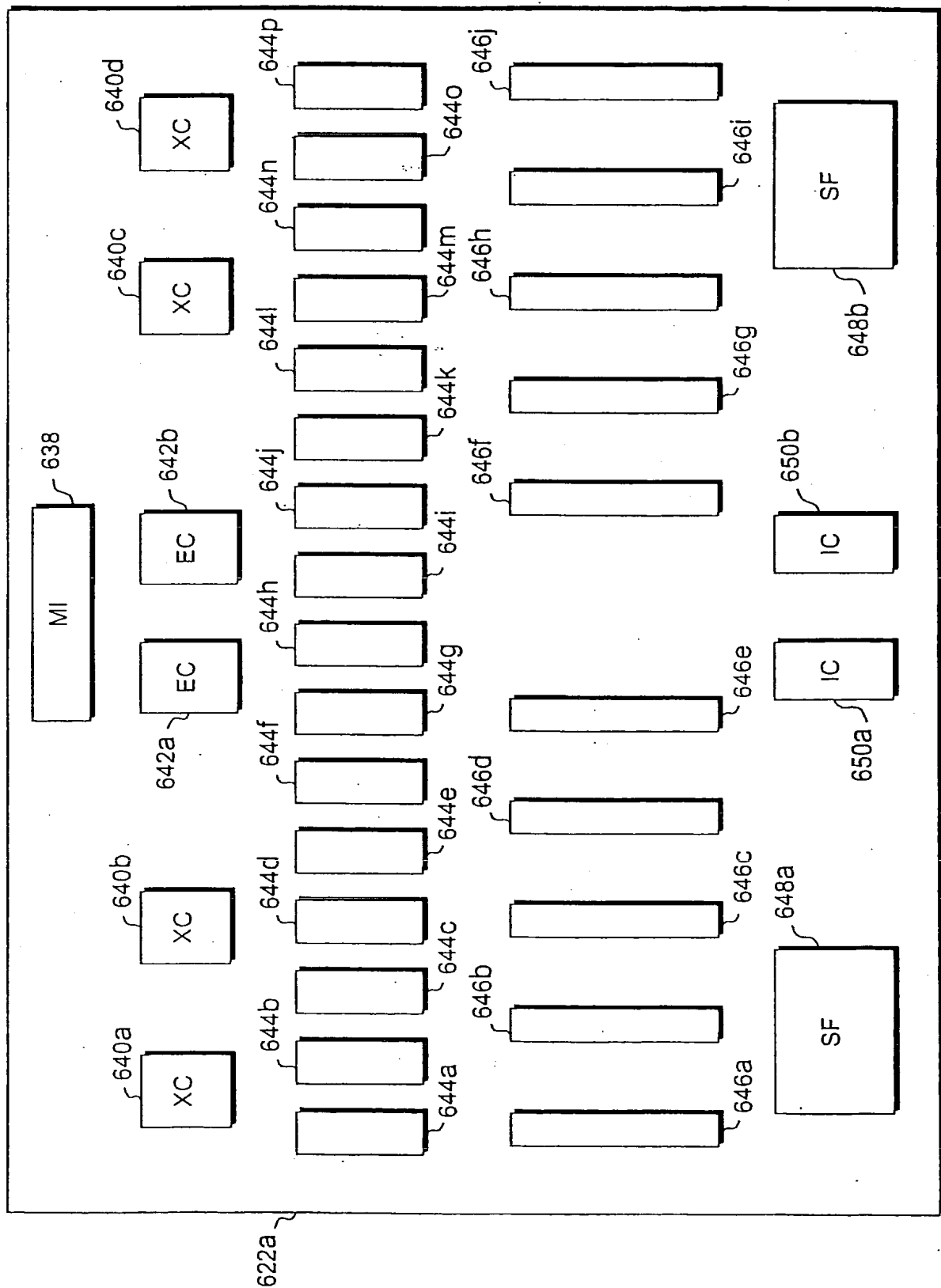


FIG. 42A

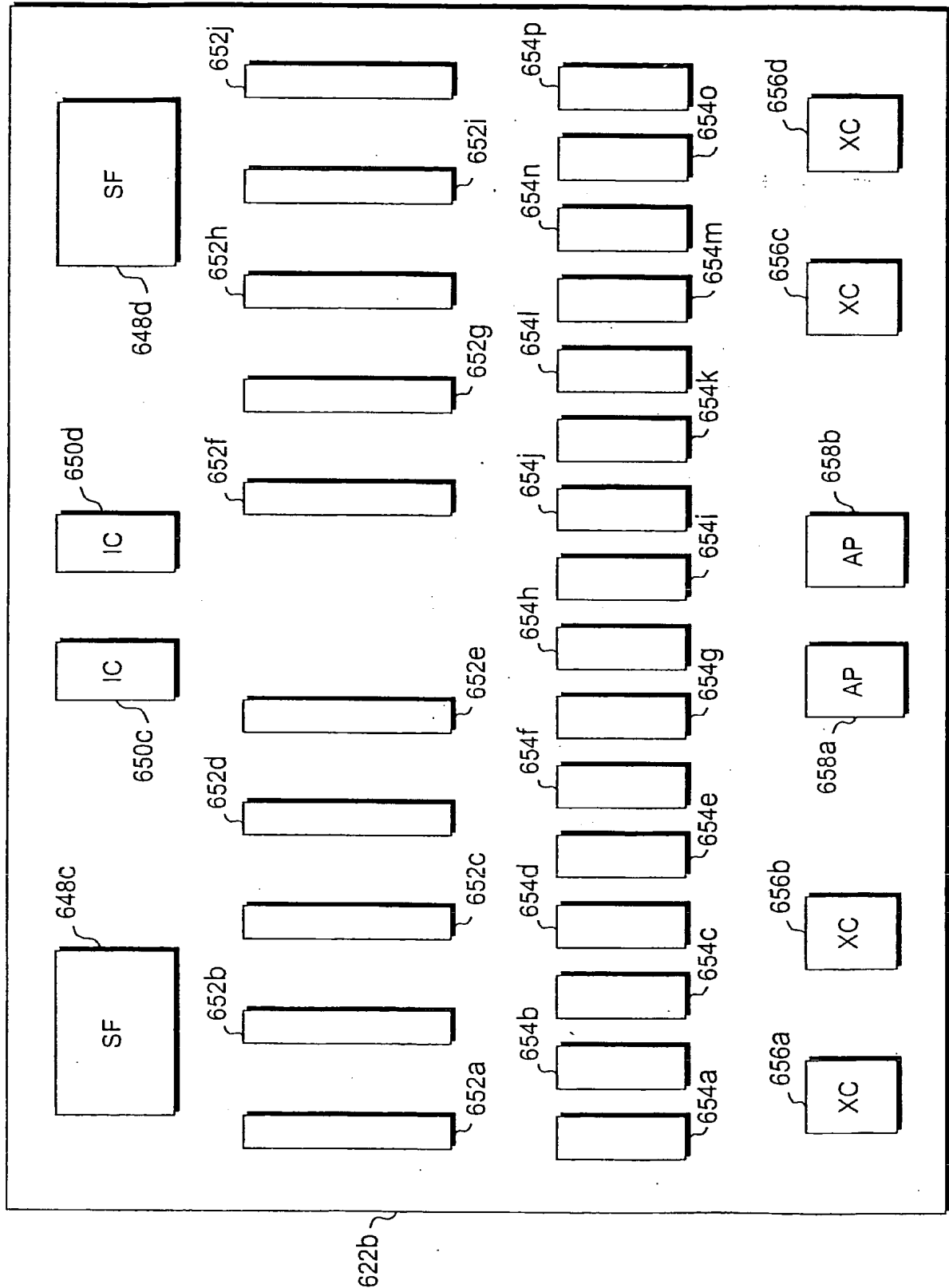


FIG. 42B

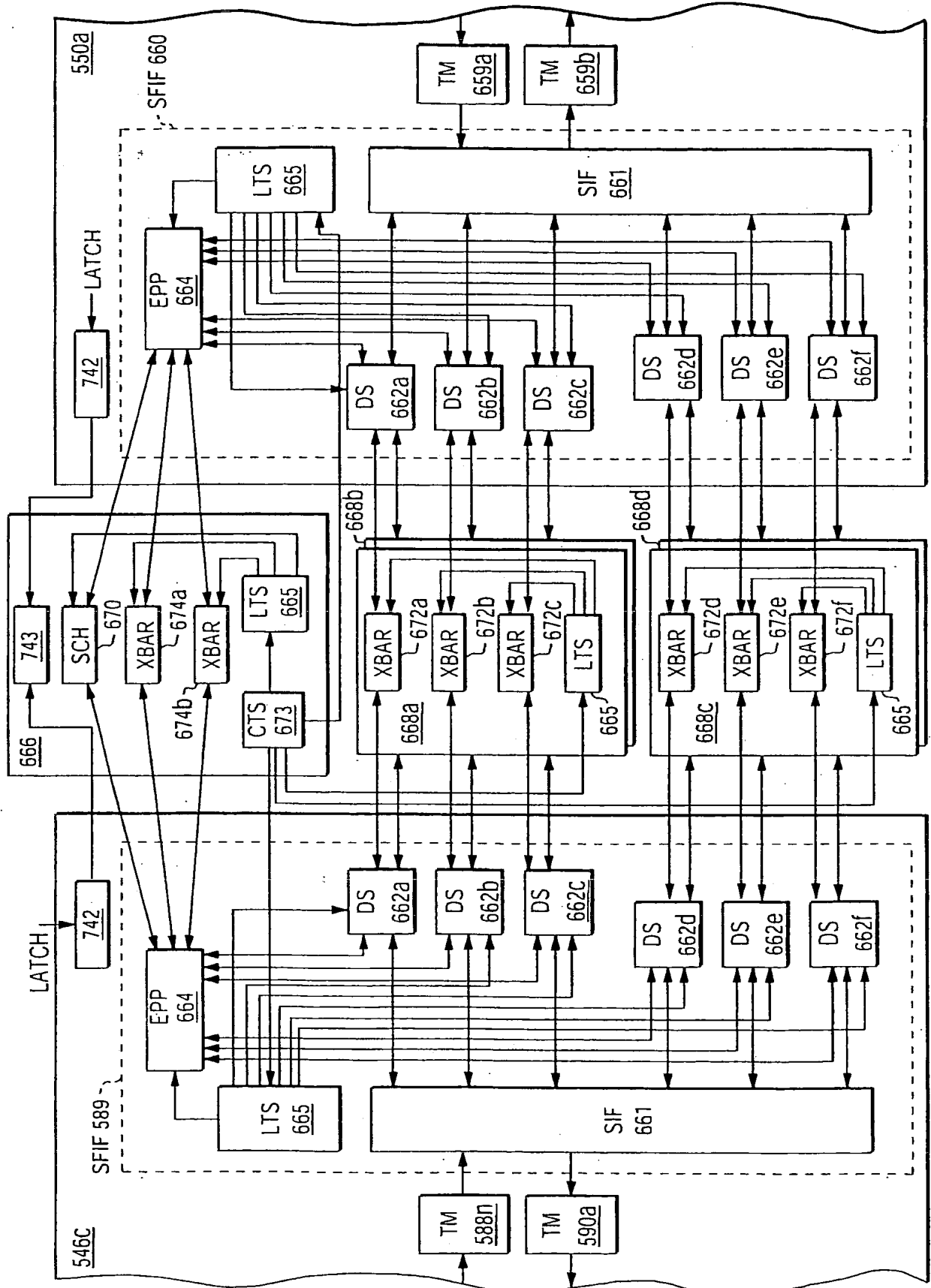


FIG. 43

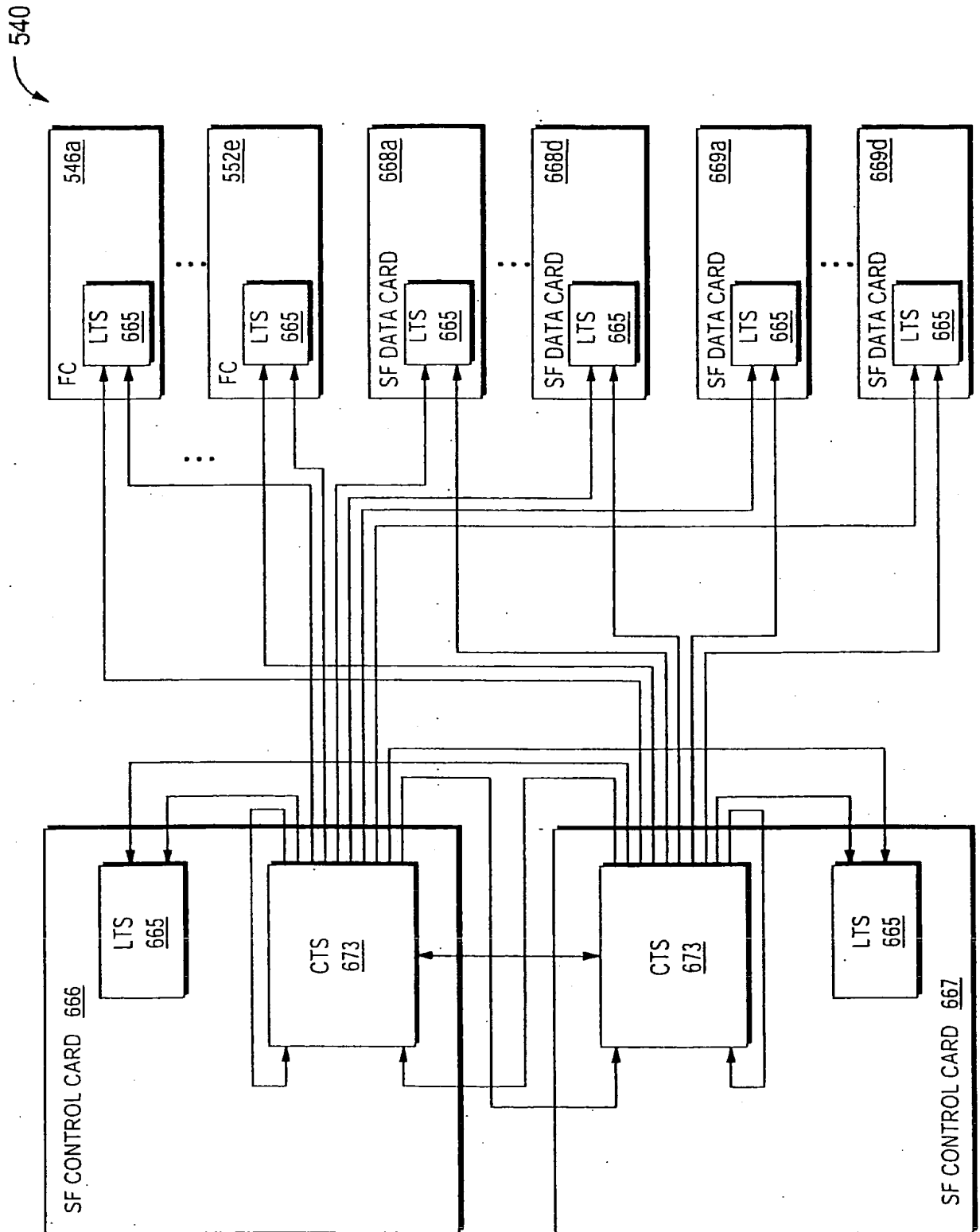


FIG. 44

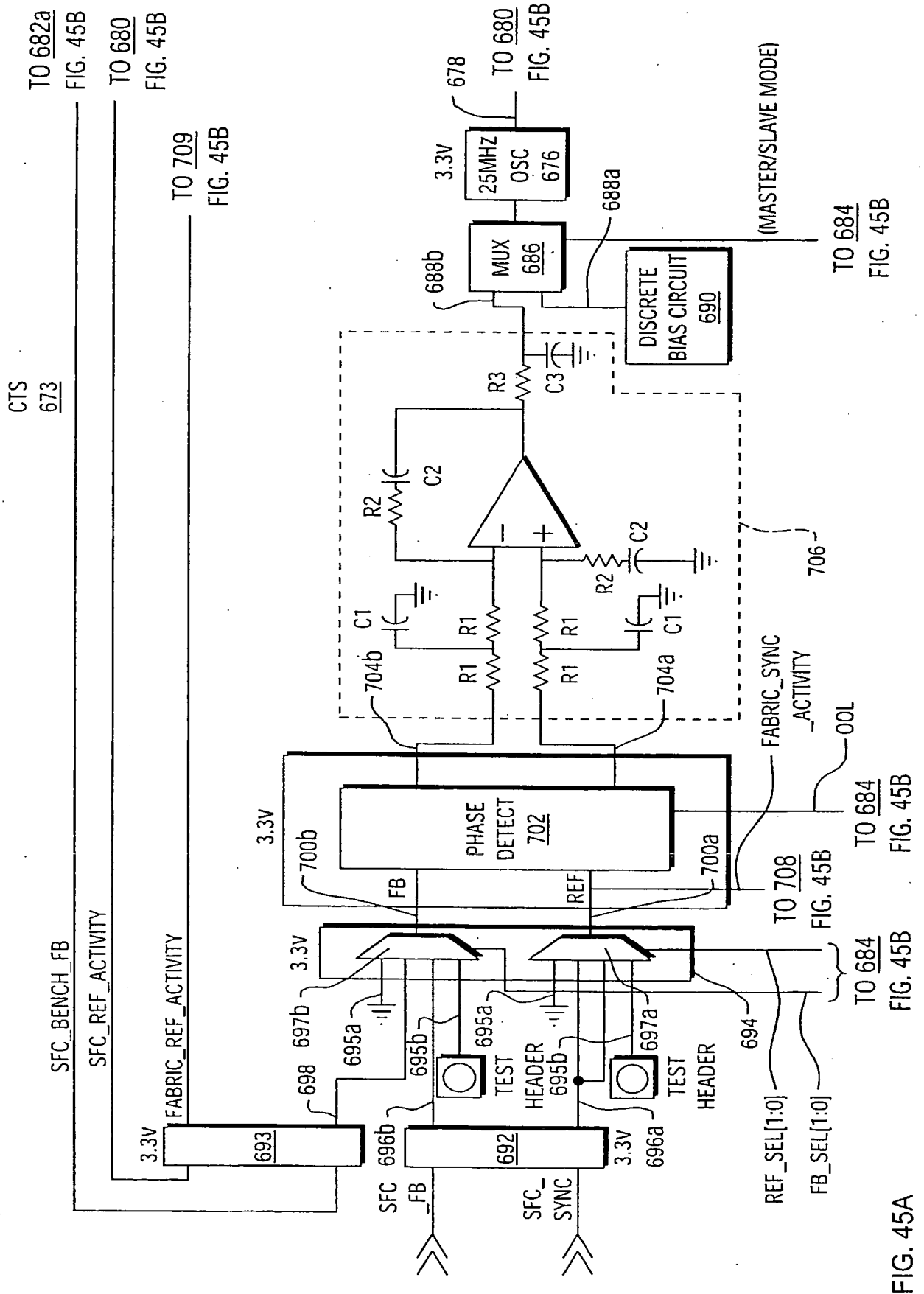
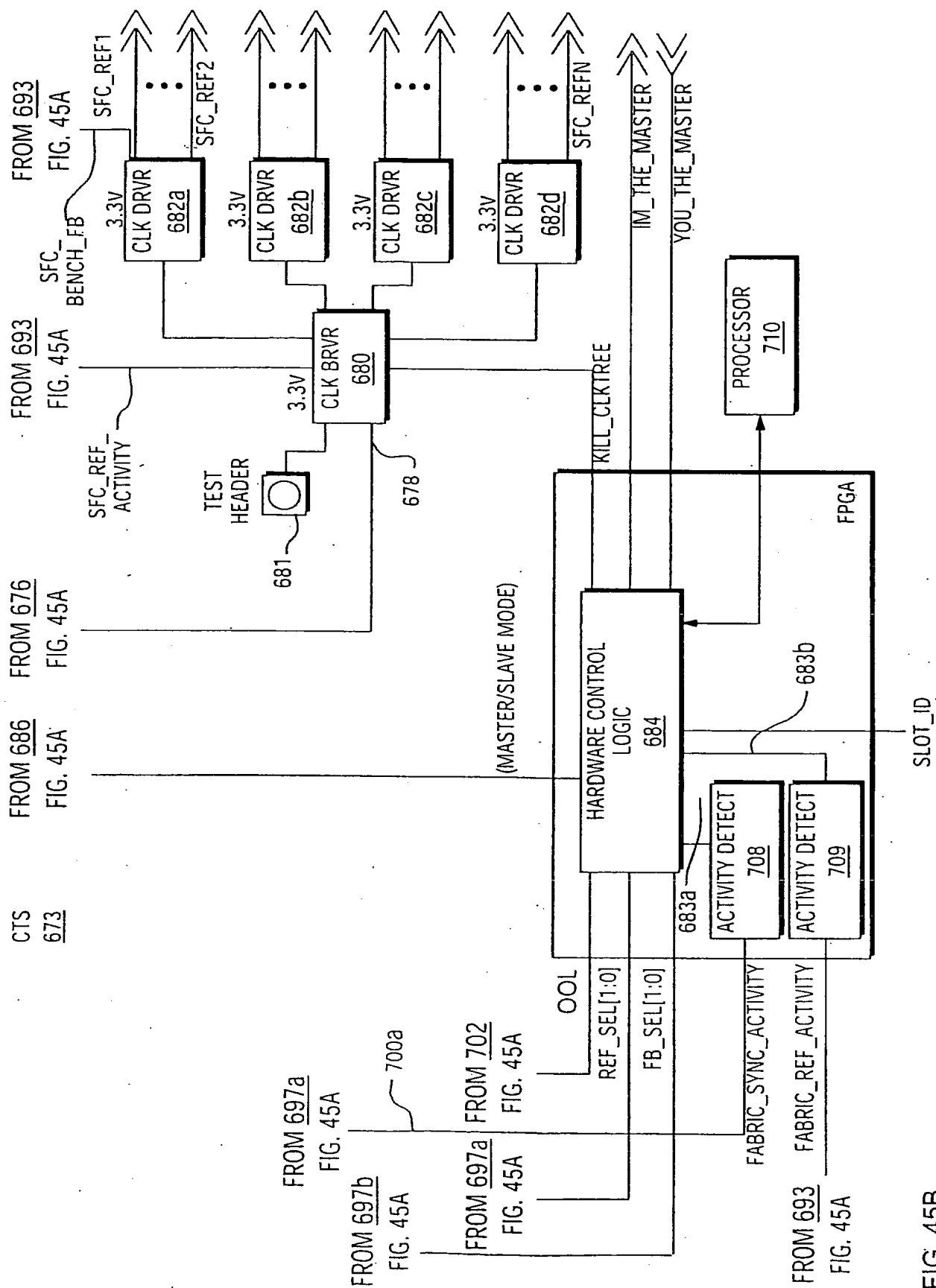


FIG. 45A



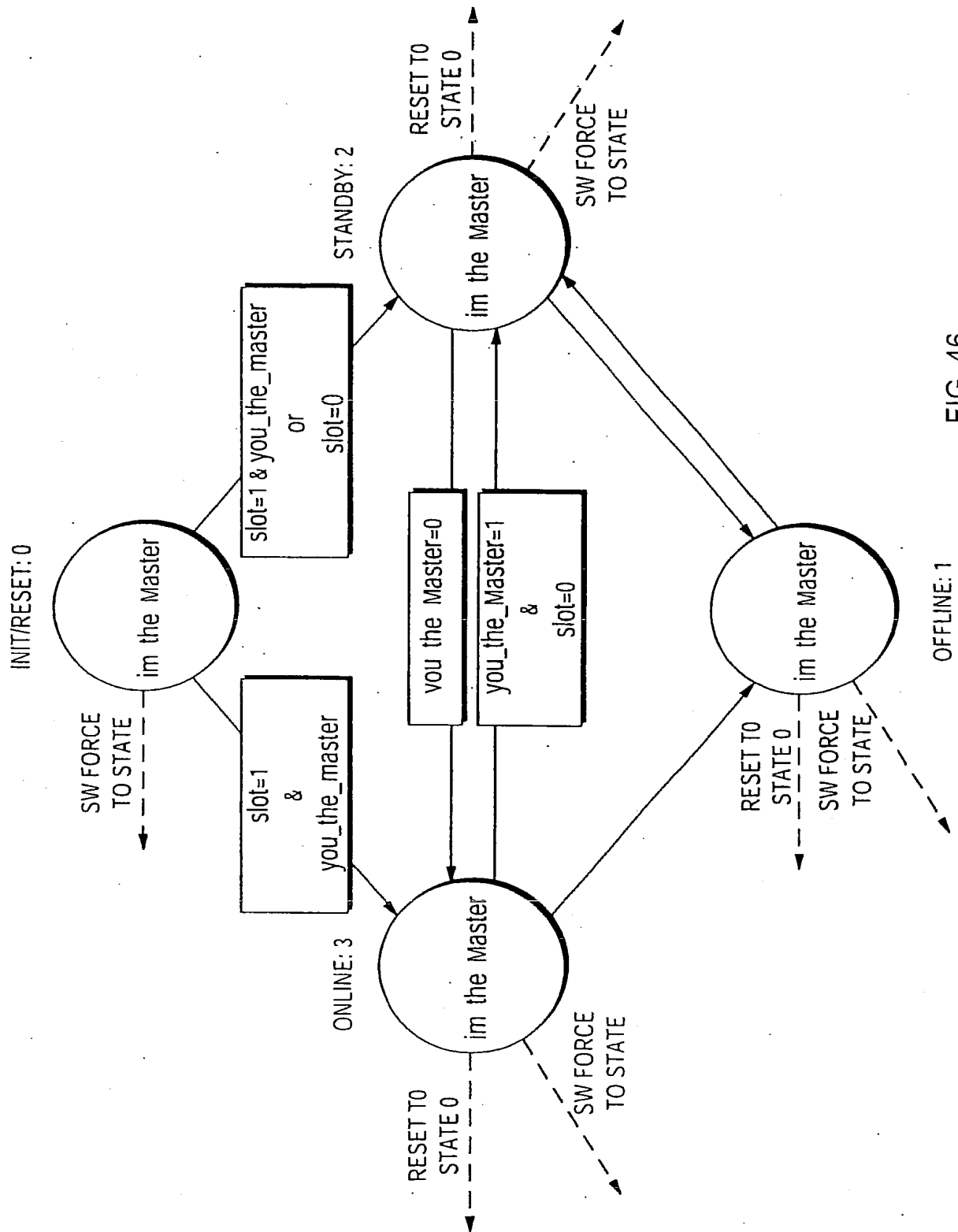


FIG. 46

LTS
665

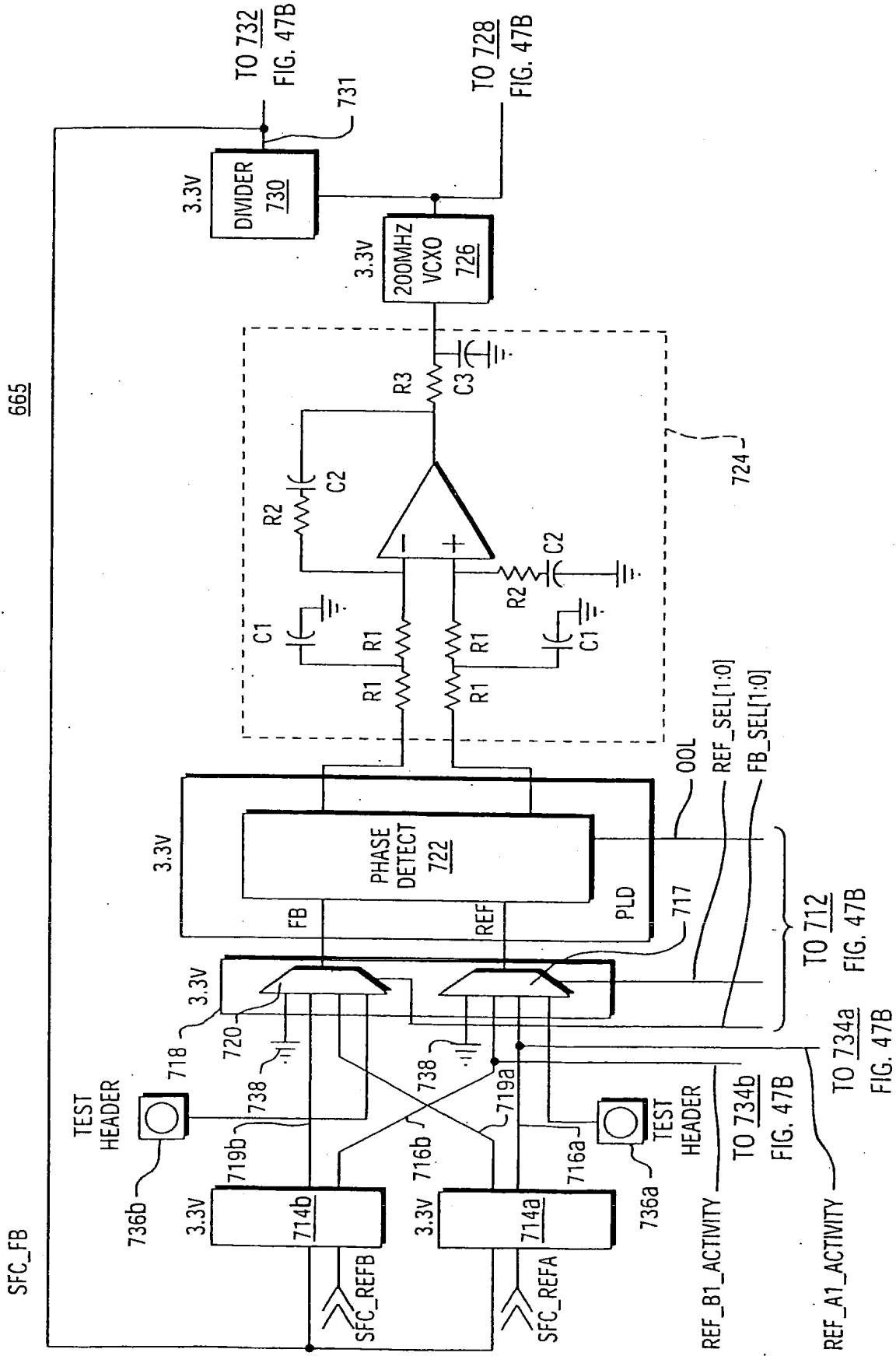
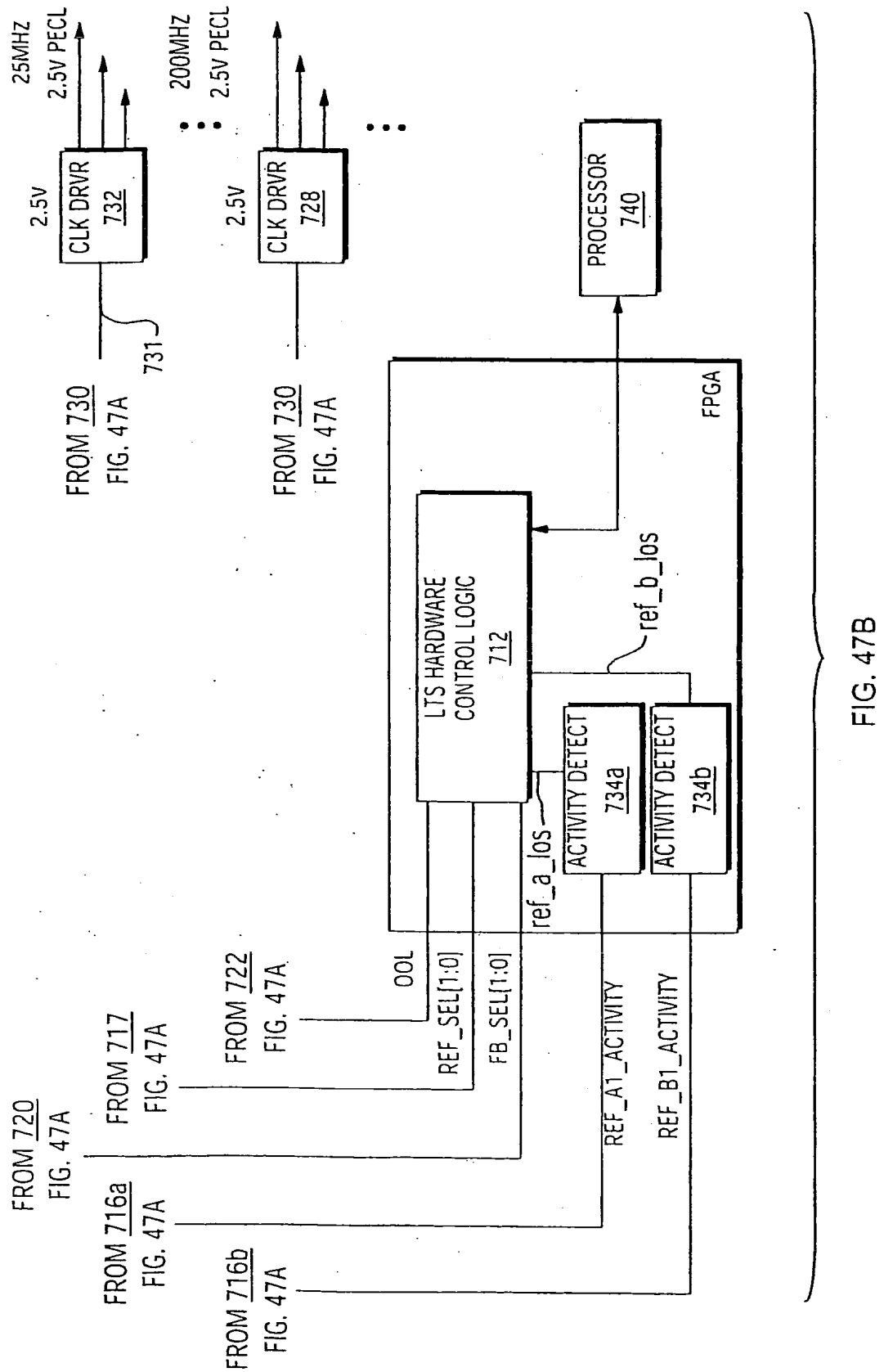


FIG. 47A



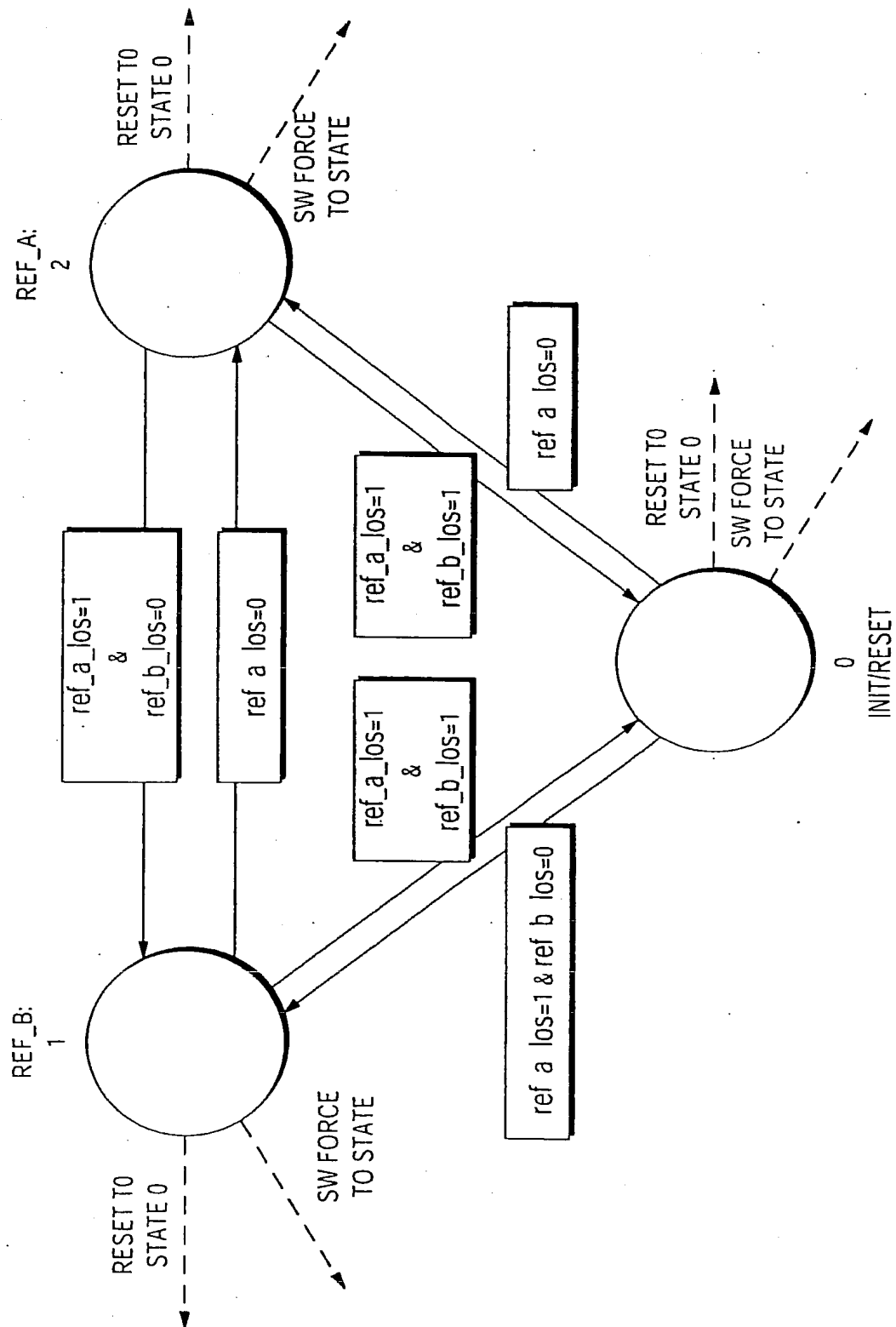


FIG. 48

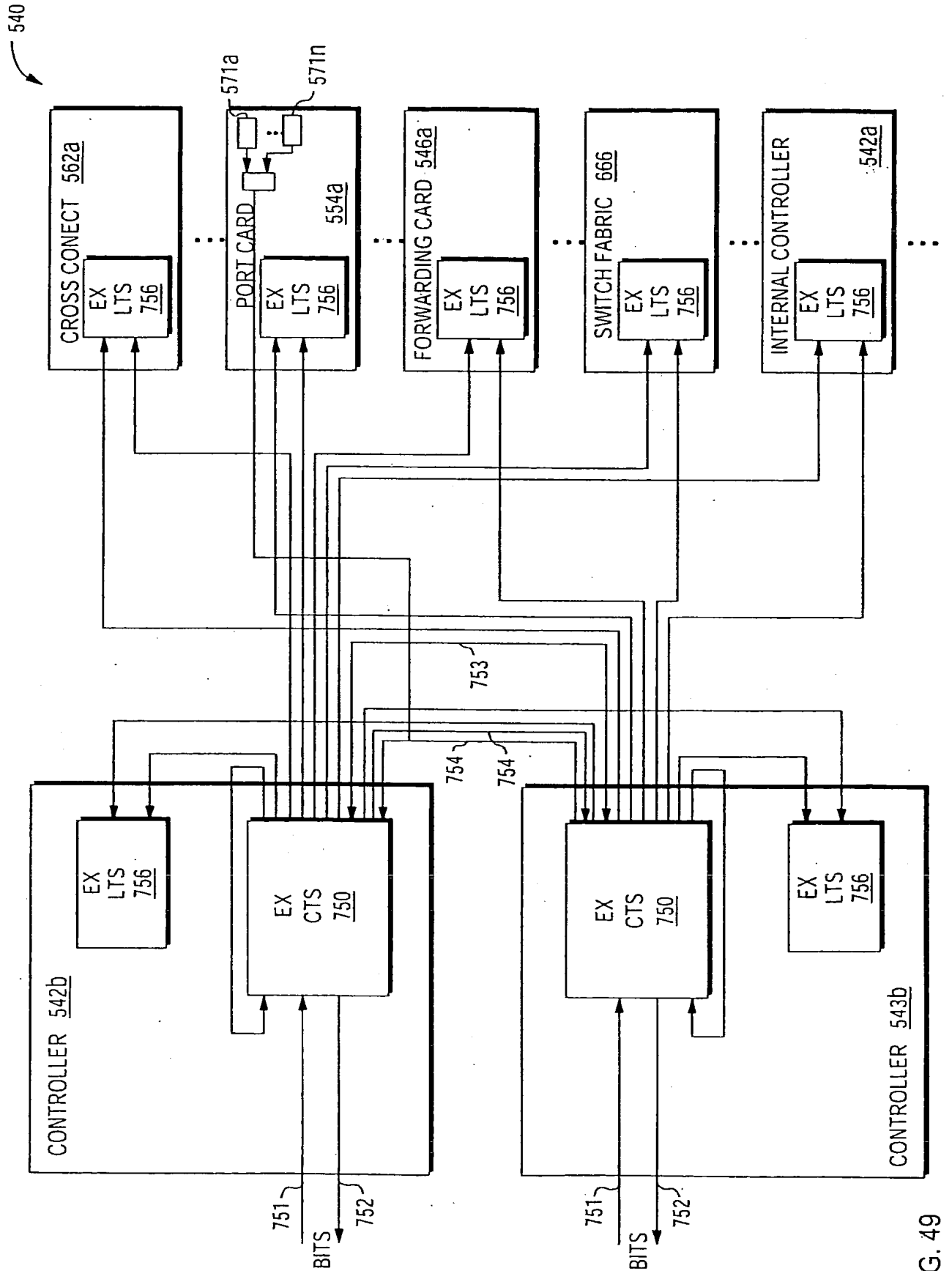


FIG. 49

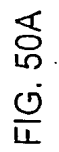


FIG. 50A

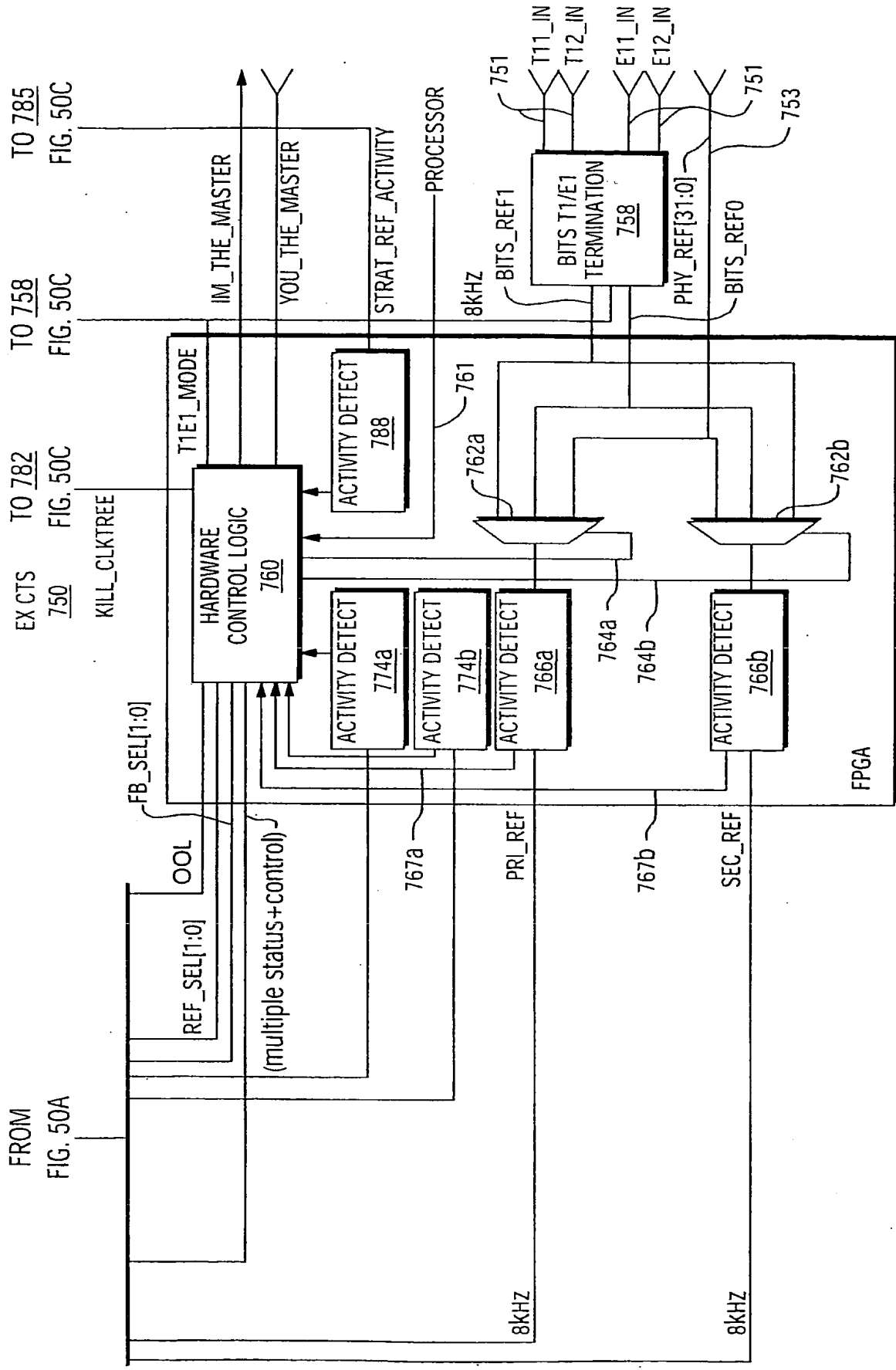


FIG. 50B

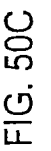


FIG. 50C

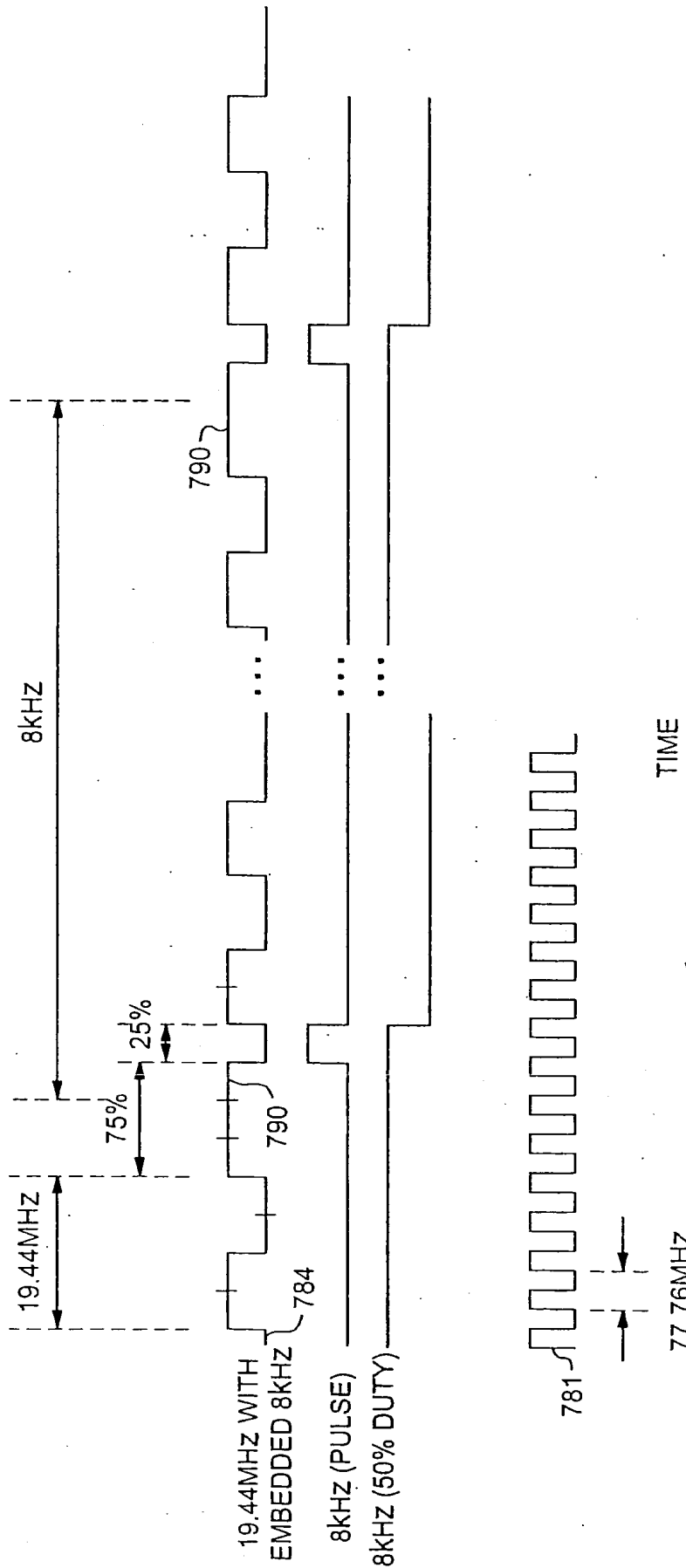


FIG. 51

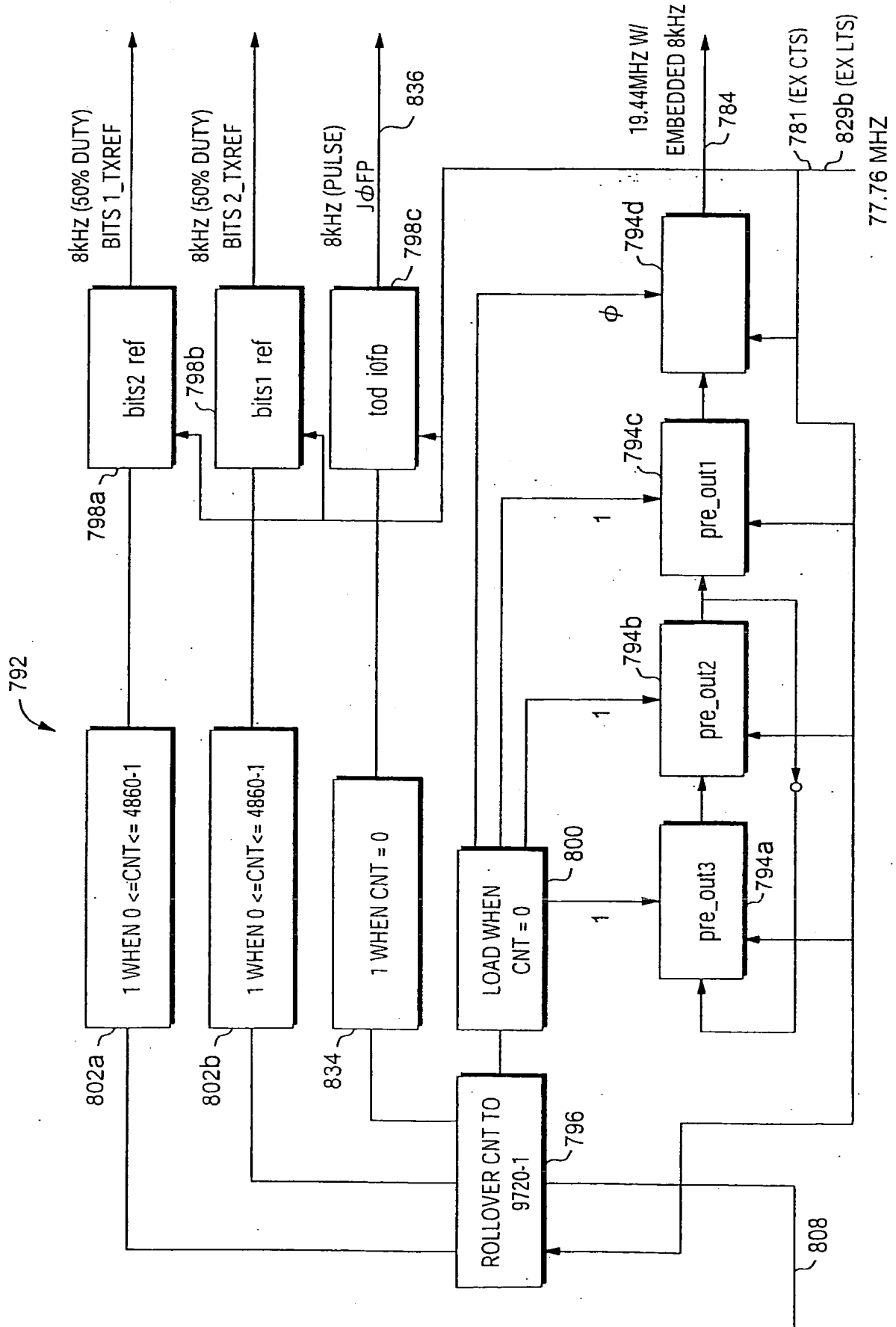


FIG. 52

EXTRACTOR
804

ERC_STRAT_SYNC (EX CTS)
STRAT_REF_A OR STRAT_REF_B (EX LTS) 832
19.44MHZ WITH ENCLOSED 8KHZ
(MUST BE PULLED LOW WHEN NOT PRESENT)

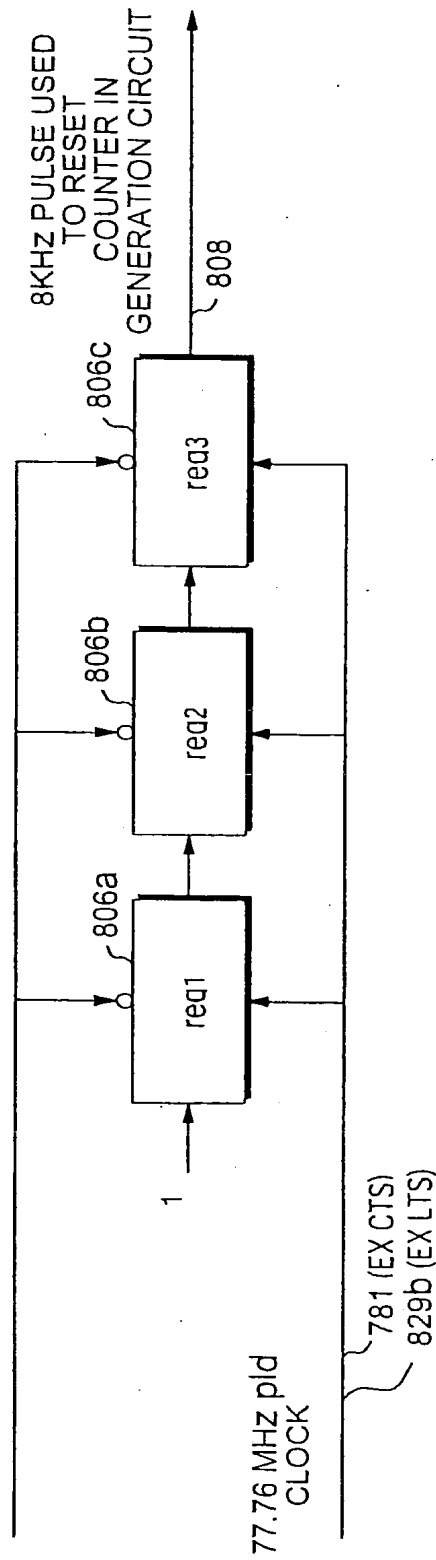


FIG. 53

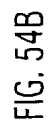


FIG. 54A

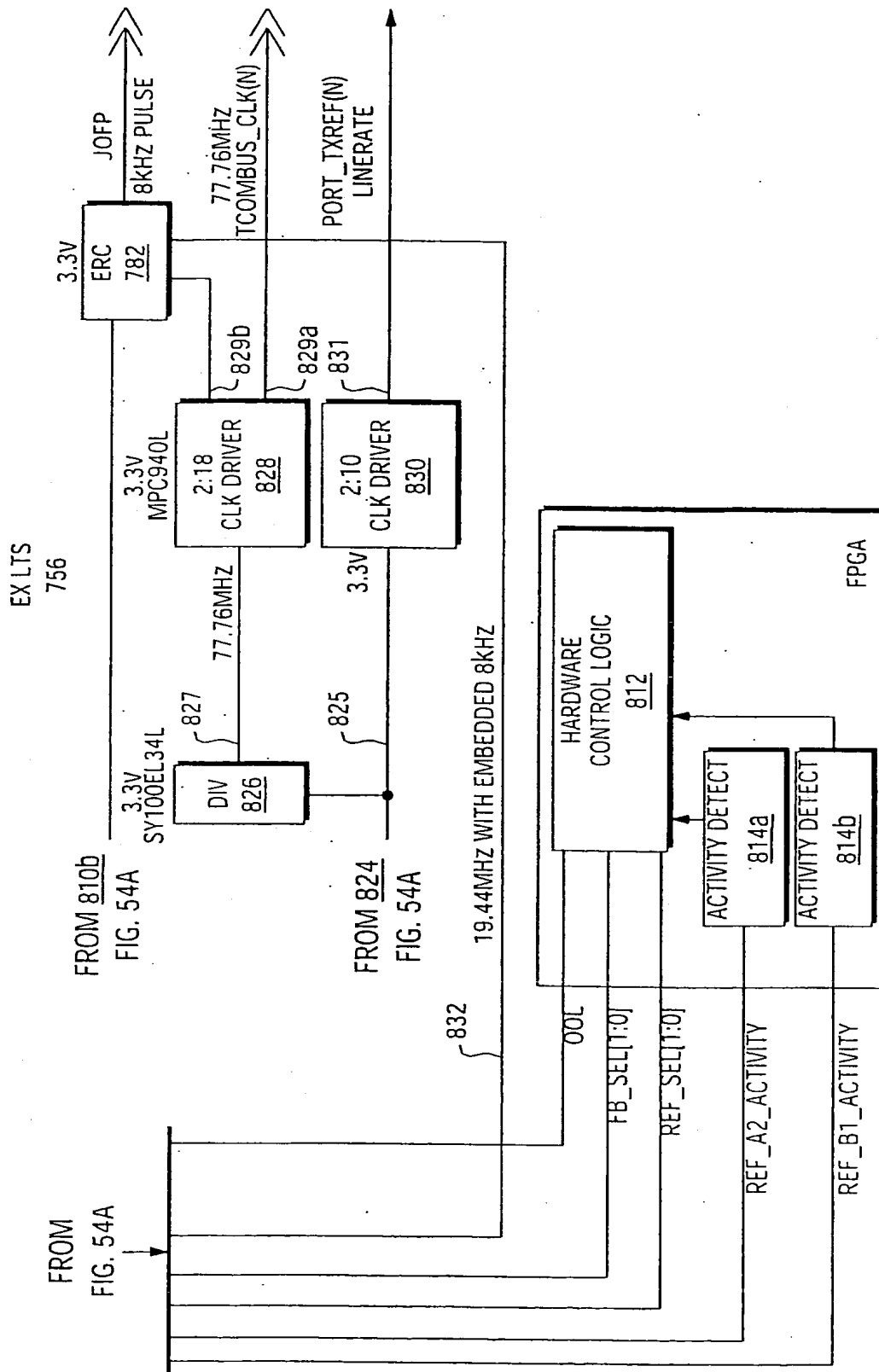
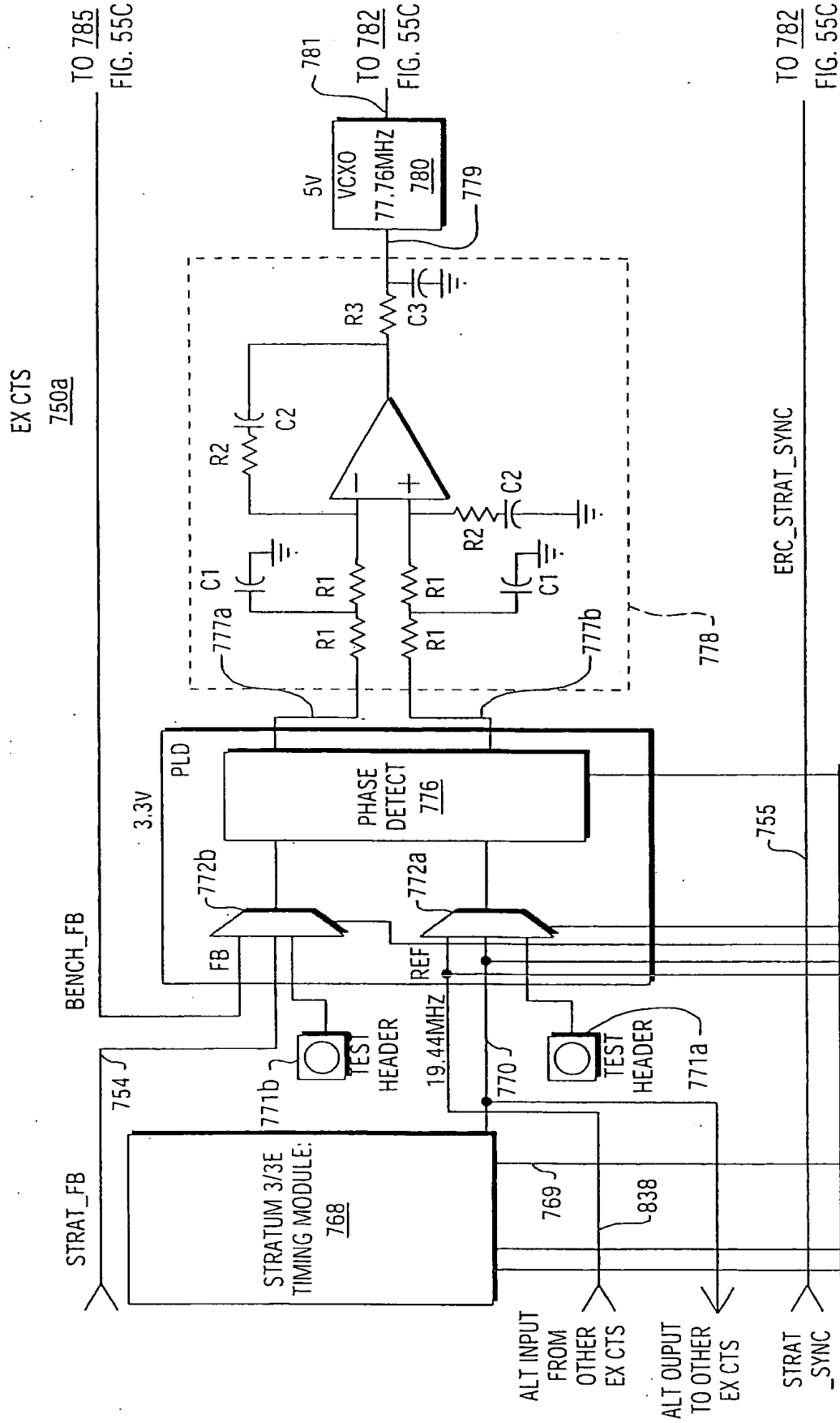


FIG. 54B



TO
 FIG. 55B

FIG. 55A

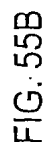


FIG. 55B

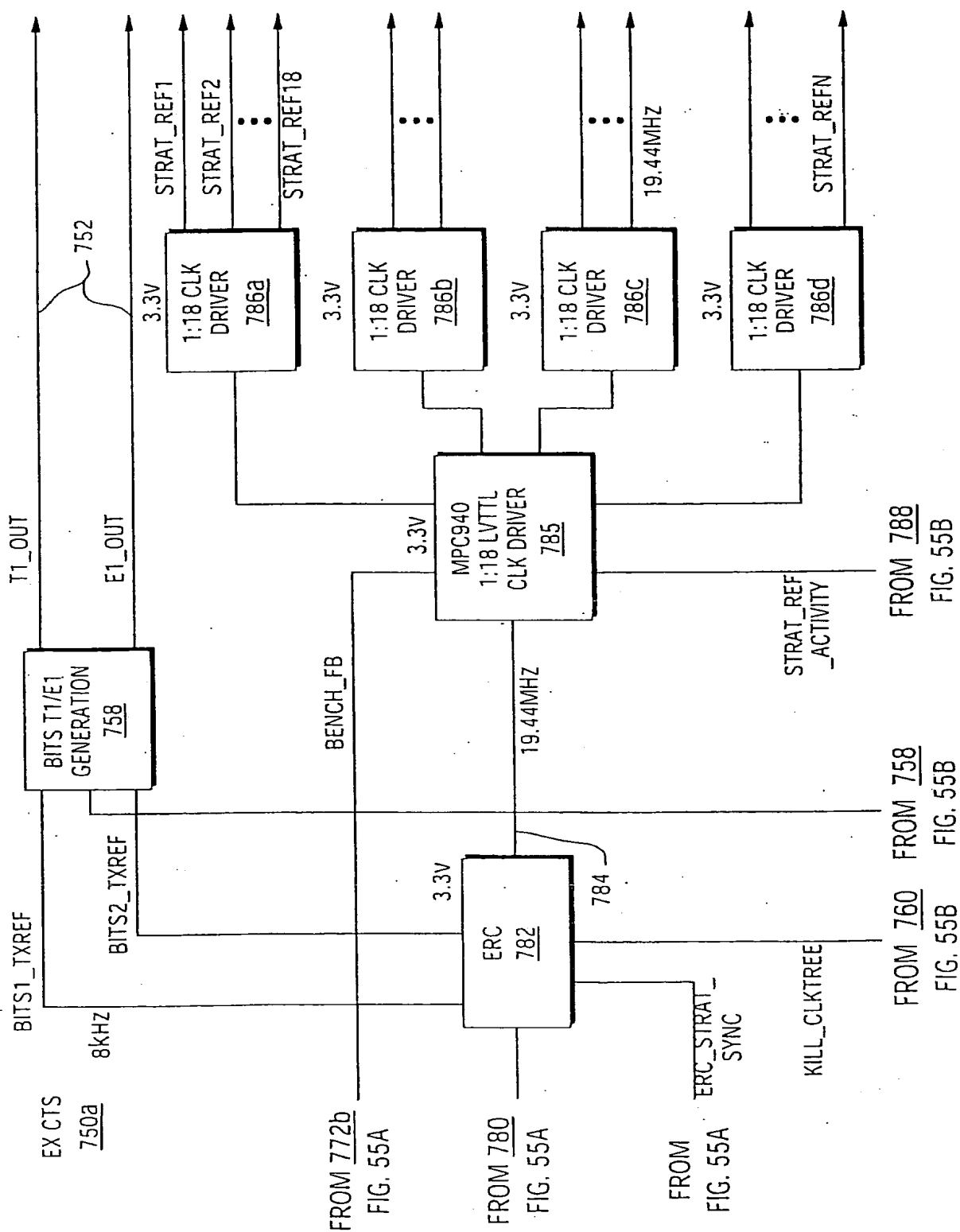


FIG. 55C

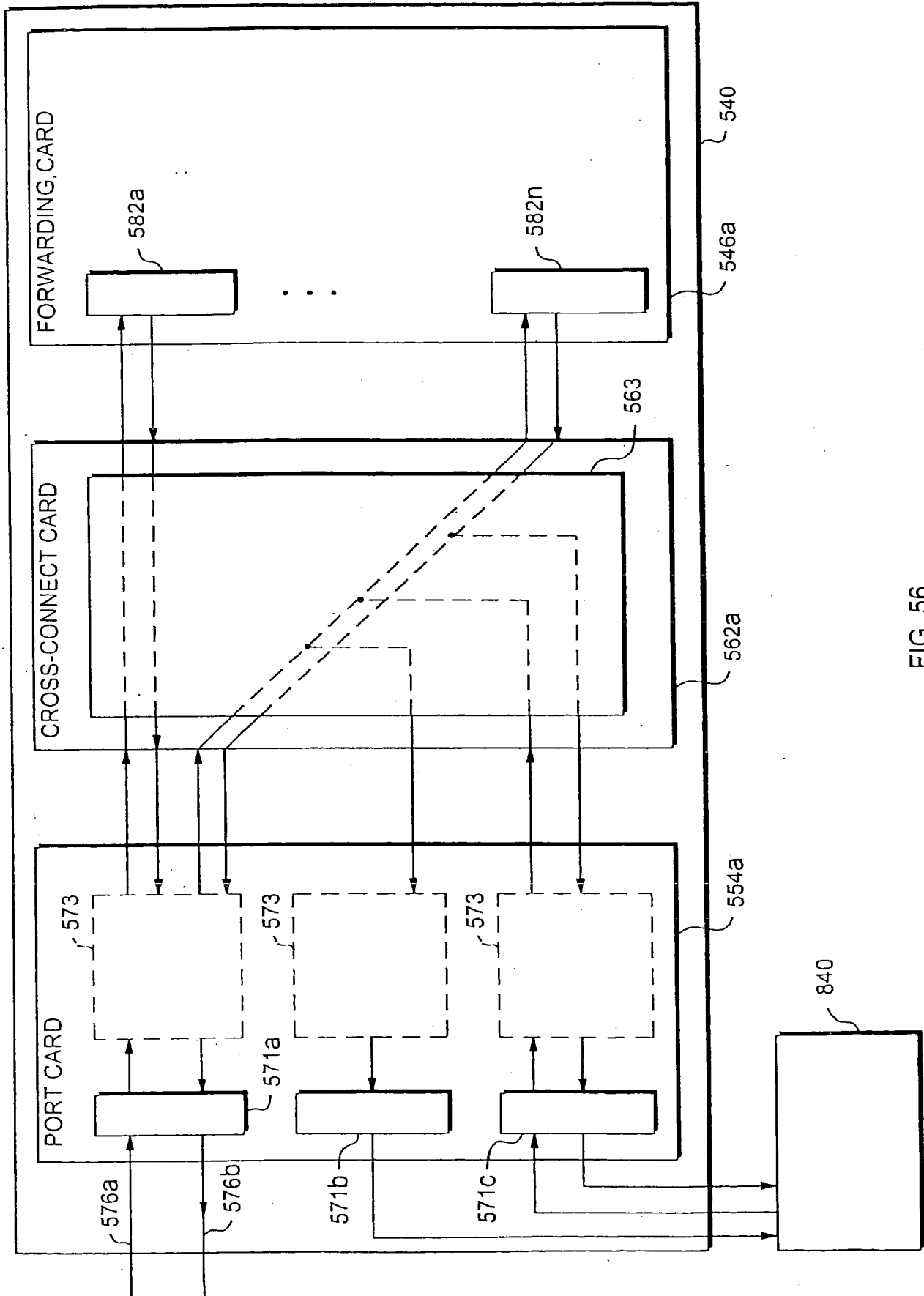


FIG. 56

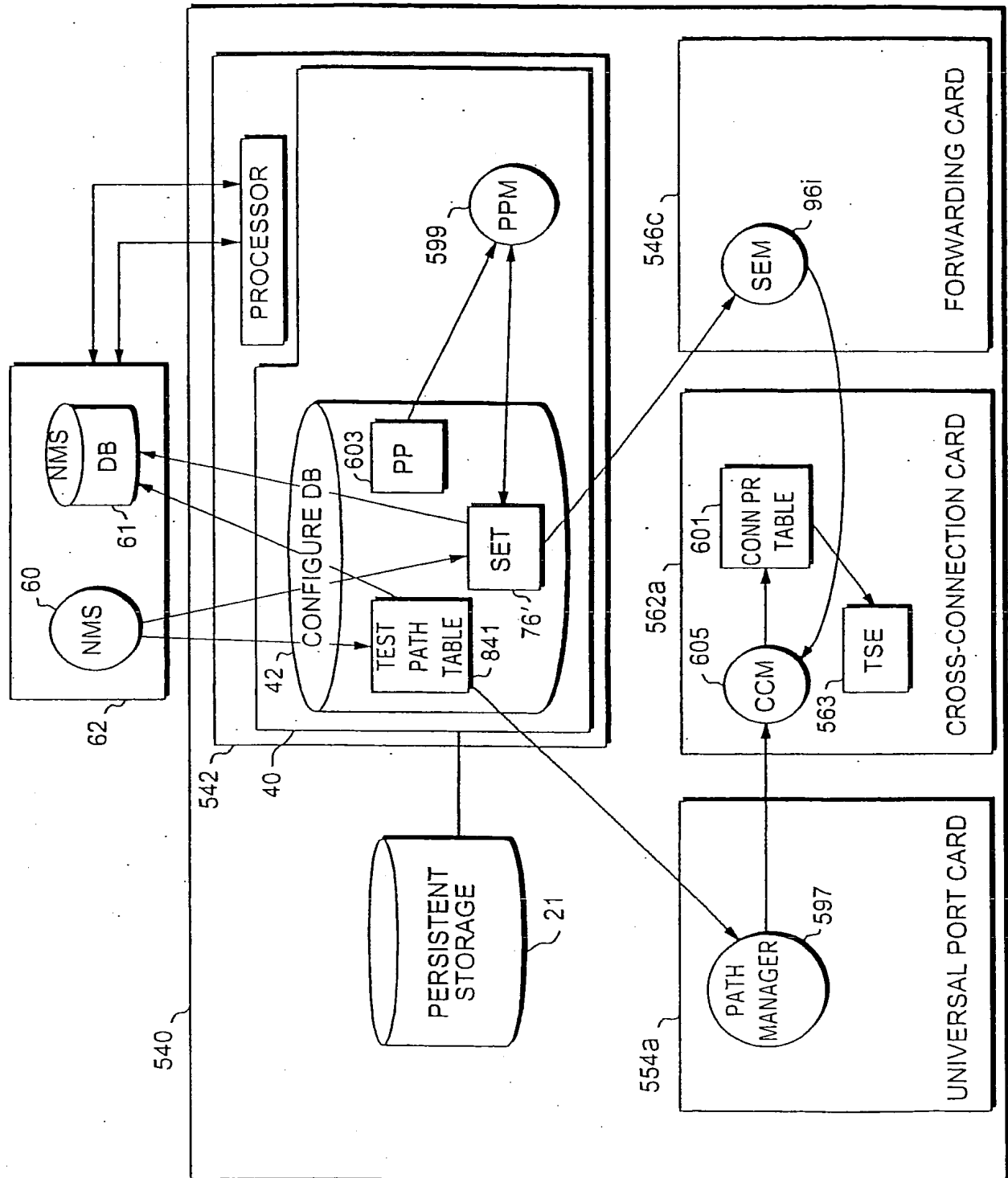


FIG. 57

TEST PATH TABLE 841

842			844			845	
PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER		
1666	1232	4	3	INGRESS	NO		
1666	1233	4	3	EGRESS	NO		
1666	1233	4	3	INGRESS	YES		
.	.	.	.				
.	.	.	.				
.	.	.	.				
						...	

FIG. 58